



# LOCAL NOTICE TO MARINERS

U. S. Department of Homeland Security

United States Coast Guard



## MONTHLY EDITION

July 01, 2003

**Issued by:**

Commander, Seventh Coast Guard District  
909 SE 1st Avenue, Miami, Florida 33131-3050  
Telephone (305) 415-6730  
Fax (305) 415-6757  
Office hours 7:30 a.m. - 4:00 p.m., M-F

**The Local Notice to Mariners is available online at:**<http://www.navcen.uscg.gov/lnm/d7>**BROADCAST NOTICE TO MARINERS**

Navigation information having been of immediate concern to the Mariner, and promulgated by the following broadcasts, has been incorporated in this notice when still effective:

- CCGD7 (D7) BNM 682-03 to 699-03
- GROUP CHARLESTON (CHA) BNM 154-03 to 172-03
- GROUP MAYPORT (MAY) BNM 328-03 to 344-03
- GROUP MIAMI (MIA) BNM 322-03 to 359-03
- GROUP KEY WEST (KEY) BNM 116-03 to 120-03
- GROUP ST. PETERSBURG (STP) BNM 823-03 to 850-03
- SAN JUAN GANTSEC (GAN) BNM 188-03 to 191-03

**NOTES:**

- (1) Unless otherwise indicated, missing and destroyed structures are presumed to be in the immediate vicinity, mariners should proceed with caution.
- (2) The Local Notice to Mariners consists of a Monthly Edition and Weekly Supplemental. The Monthly Edition should be maintained as a reference. Recurring information is published only once a month.
- (3) To change your mailing address, start or discontinue receiving this publication, please call (305) 415-6730 or send an email to [d7lnm@d7.uscg.mil](mailto:d7lnm@d7.uscg.mil).

**REFERENCES:**

- Light List, Vol. III, Atlantic and Gulf Coasts, 2003 Edition (COMDTPUB P16502.3).  
U.S. Coast Pilot 4, Atlantic Coast: Cape Henry to Key West, 2002 (34th Edition).  
U.S. Coast Pilot 5, Atlantic Coast: Gulf of Mexico, Puerto Rico and Virgin Islands 2003 (30th Edition).

**The United States Coast Guard Navigation Information Service (NIS)**

The United States Coast Guard Navigation Information Service (NIS), operated by the USCG Navigation Center, is staffed 24 hours a day, 7 days a week. The NIS provides information on the current operational status, effective policies, and general information for GPS, DGPS, and LORAN-C. The NIS also disseminates Safety Broadcasts (BNM), Local Notice to Mariners (LNM), and the latest Notice Advisory to Navstar Users (NANU). NANU notices can be obtained via email subscription through the USCG Navigation Center website <http://www.navcen.uscg.gov/gps/status/default.htm>. In addition, the NIS investigates all reports of degradation or loss of GPS, DGPS or LORAN service. Mariners are encouraged to report all degradation or loss of radio navigation services to the NIS via any of the following: Phone: (703) 313-5900, Email: [webmaster@smtp.navcen.uscg.mil](mailto:webmaster@smtp.navcen.uscg.mil), or on the World Wide Web at: <http://www.navcen.uscg.gov>.

**REPORT DISCREPANCIES IN AIDS TO NAVIGATION TO THE NEAREST COAST GUARD UNIT****ABBREVIATION DEFINITIONS**

ACOE - ..... Army Corps of Engineers  
AICW - ..... Atlantic Intracoastal Waterway  
BKW - ..... Breakwater  
BNM - ..... Broadcast Notice to Mariner  
CHA - ..... Charleston, SC  
CGD07 - ..... Coast Guard District Seven  
C/O - ..... Cut Off  
CONSTR - ..... Construction

ADRIFT - ..... Buoy Adrift  
B - ..... Buoy  
B - ..... Refer to Light List (Pg. xiv)  
CG - ..... Refer to Light List (Pg. xv)  
CHAN - ..... Channel  
CR - ..... Refer to Light List (Pg. xv)  
CONT - ..... Contour  
CRK - ..... Creek

CONST - ..... Construction  
 DBD/DAYBD - ..... Dayboard  
 DBN IMCH - ..... Daybeacon Improper Characteristic  
 DMGD - ..... Daybeacon Damaged  
 EVAL - ..... Evaluation  
 FL - ..... Flashing  
 GAN - ..... San Juan, PR  
 HAZ - ..... Hazard to Navigation  
 HOR - ..... Horizontal Clearance  
 IMPCHA - ..... Improper Characteristics  
 INOP - ..... Not Operating  
 KBG - ..... Refer to Light List (Pg. xv)  
 KBR - ..... Refer to Light List (Pg. xv)  
 KBW - ..... Refer to Light List (Pg. xv)  
 KGB - ..... Refer to Light List (Pg. xv)  
 KGR - ..... Refer to Light List (Pg. xv)  
 KGW - ..... Refer to Light List (Pg. xv)  
 KRB - ..... Refer to Light List (Pg. xvi)  
 KRG - ..... Refer to Light List (Pg. xvi)  
 KRW - ..... Refer to Light List (Pg. xvi)  
 KWB-I - ..... Refer to Light List (Pg. xvi)  
 KWG-I - ..... Refer to Light List (Pg. xvi)  
 KWR-I - ..... Refer to Light List (Pg. xvi)  
 LB - ..... Lighted Buoy  
 LGB - ..... Lighted Gong Buoy  
 LNM - ..... Local Notice to Mariners  
 LT CONT - ..... Light Continuous  
 MAY - ..... Mayport, FL  
 MISS - ..... Missing  
 MR-I - ..... Refer to Light List (Pg. xvi)  
 NB - ..... Refer to Light List (Pg. xvi)  
 ND - ..... Refer to Light List (Pg. xvi)  
 NIMA - ..... National Imagery and Mapping Agency  
 NO - ..... Number  
 NR - ..... Refer to Light List (Pg. xvi)  
 NW - ..... Notice Writer  
 OBSCU - ..... Obscured  
 OBSTR - ..... Obstruction  
 RBN - ..... Radio Beacon  
 RECOVERED - ..... Aid Recovered  
 REDINT - ..... Reduced Intensity  
 RELIGHTED - ..... Aid Relighted  
 RESET ON STATION - ..... Aid Reset on Station  
 RIV - ..... River  
 SG - ..... Green Square on pile  
 SHL - ..... Shoaling  
 STP - ..... St. Petersburg, FL  
 STM - ..... Statue Mile  
 TRLB - ..... Temporarily Replaced by Lighted Buoy  
 TR-TY - ..... Red Triangle with Yellow Triangle on pile

DBN - ..... Daybeacon  
 DBN/DEST - ..... Daybeacon Destroyed  
 DISCON - ..... Discontinued  
 EST - ..... Established Aid  
 EXT - ..... Extinguished  
 F/S - ..... Fog Signal  
 GICW - ..... Gulf Intracoastal Waterway  
 HBR - ..... Harbor  
 HT - ..... Height  
 INL - ..... Inlet  
 ISL - ..... Islet  
 KBG-I - ..... Refer to Light List (Pg. xv)  
 KBR-I - ..... Refer to Light List (Pg. xv)  
 KEY - ..... Key West, FL  
 KGB-I - ..... Refer to Light List (Pg. xv)  
 KGR-I - ..... Refer to Light List (Pg. xv)  
 KGW-I - ..... Refer to Light List (Pg. xvi)  
 KRB-I - ..... Refer to Light List (Pg. xvi)  
 KRG-I - ..... Refer to Light List (Pg. xvi)  
 KWB - ..... Refer to Light List (Pg. xvi)  
 KWG - ..... Refer to Light List (Pg. xvi)  
 KWR - ..... Refer to Light List (Pg. xvi)  
 LAT - ..... Latitude  
 LBB - ..... Lighted Bell Buoy  
 LONG - ..... Longitude  
 LT - ..... Light  
 LWB - ..... Lighted Whistle Buoy  
 MIA - ..... Miami, FL  
 MR - ..... Refer to Light List (Pg. xvi)  
 N/A - ..... Not Available  
 N/C - ..... Not Charted  
 NG - ..... Refer to Light List (Pg. xvi)  
 NL - ..... Refer to Light List (Pg. xvi)  
 NOS - ..... National Ocean Service  
 NW - ..... Refer to Light List (Pg. xvi)  
 NY - ..... Refer to Light List (Pg. xvi)  
 OBST - ..... Obstruction  
 PRIV - ..... Private Aid  
 REBUILT - ..... Aid Rebuilt  
 RED - ..... Red Buoy  
 RRL - ..... Range Rear Light  
 RELOC - ..... Relocated  
 RFL - ..... Range Front Light  
 SEC - ..... Section  
 SG-SY - ..... Green Square with Yellow Square on pile  
 SND - ..... Sound  
 TEMP - ..... Temporary Aid Change  
 TR - ..... Red Triangle on pile  
 TRLT - ..... Temporarily Replaced by Light  
 TRUB - ..... Temporarily Replaced by Unlighted Buoy

## I. SPECIAL NOTICE

### NAVTEX BROADCAST OUTAGE

Due to technical difficulties, Coast Guard Communication Area Master Station Atlantic (CAMSLANT) Chesapeake, VA is presently experiencing a NAVTEX outage with the Savannah station transmitter site. Notification will be made when broadcast is restored.

LNM Ref: 25/03

### DGPS KENSINGTON, SC TEST SIGNALS

The Coast Guard announces the transmission of test signals from the newly established differential GPS site at Kensington, South Carolina. These transmissions are for system test and verification purposes and users are cautioned not to rely on these signals for navigation or safety of life applications at this time. More information on the site is available at the Coast Guard website <http://www.navcen.uscg.gov/>. Users may direct queries to the Commanding Officer of the Coast Guard Navigation Center at 7323 Telegraph Road, Alexandria, VA 22315 or by calling (703) 313-5900.

Ref: LNM 24/03

## EXCERPT FROM THE FEDERAL REGISTER

Federal Register: June 6, 2003 (Volume 68, Number 109)

DEPARTMENT OF HOMELAND SECURITY, Coast Guard 33 CFR Part 165

Regulated Navigation Area; Port Everglades Harbor, Fort Lauderdale, FL. AGENCY: Coast Guard, Department of Homeland Security. ACTION: Notice of proposed rulemaking.

SUMMARY: The Coast Guard proposes to create a regulated navigation area in Port Everglades Harbor, Fort Lauderdale, Florida to improve the security and safety of the harbor, and increase the safety of law enforcement officers and high-risk vessels in the vicinity of Port Everglades Harbor. This rule would establish a slow speed zone in the harbor to control vessel speed and allow law enforcement vessels to control vessel movement in this waterway.

DATES: Comments and related material must be received on or before July 21, 2003.

ADDRESSES: You may mail comments and related material to Commanding Officer, U.S. Coast Guard, Marine Safety Office, 100 MacArthur Causeway, Miami, Florida 33139. The Captain of the Port Miami maintains the public docket for this rulemaking. Comments and material received from the public, as well as documents indicated in this preamble as being available in the docket, will become part of this docket and will be available for inspection or copying at the above address between 8 a.m. and 4 p.m., Monday through Friday, except Federal holidays.

FOR FURTHER INFORMATION CONTACT: LTJG Jennifer Sadowski, Coast Guard Marine Safety Office Miami, Waterways Management at (305) 535-8701.

Ref: LNM 22/03

### NAUTICAL CHART UPDATES

The National Ocean Service (NOS) has moved and expanded the function of its "critcorr" website. The new "Nautical Chart Updates" website allows the mariner to update their nautical charts from one database that includes information from NOS, the NIMA Notice to Mariners, the Coast Guard Local Notice to Mariners and the Canadian Coast Guard Notice to Mariners. To access the website and for more information go to: <http://chartmaker.ncd.noaa.gov/> and click on "Chart Updates".

Ref: LNM 22/03

### LORAN-C OPERATIONS, LORSTA RAYMONDVILLE (RATE 7980-X/9610-Y)

This proposal is to authorized LORSTA Raymondville, Texas, unusable time from 6:00 p.m. to 8:00 p.m., on 18 July 2003. The alternate times will be from 6:00 p.m. to 8:00 p.m., on 25 July 2003. Objections will be considered until 4:00 p.m. on 10 July 2003. Users shall address inquiries to the Southeastern U.S. LORAN-C chain operation control officer (LT Bill Broome), at (703) 313-5873.

Ref: LNM 22/03

### HURRICANE SEASON

The hurricane season extends from June through November. Hurricanes can cause excessive damage to vessels and loss of life. To minimize these dangers, the following precautions should be taken by all mariners before getting underway during the hurricane season:

- (a) Instruction of crew and passengers in location of emergency equipment and emergency procedures;
- (b) Pre-sailing check of vessel, machinery, and equipment for seaworthiness;
- (c) Installation of strong ground tackle;
- (d) Review of storm center evasion procedures;
- (e) Knowledge of nearest hurricane shelter or port; and
- (f) Constant radio watches on channel 16 VHF-FM and frequent monitoring of weather broadcasts.

### HURRICANE INFORMATION

The civilian hurricane warning service for the North Atlantic is provided by the National Hurricane Center, Miami, Florida. The center collates ship, aircraft, radar, and satellite data to produce and issue tropical cyclone warnings and forecasts for the North Atlantic Ocean, including the Caribbean Sea and the Gulf of Mexico. A Tropical Cyclone Advisory message is issued every six hours, with intermediate bulletins provided as needed.

For tropical storms and hurricanes threatening to cross the coast of the U.S., coastal warnings are issued to the public so that precautionary actions, including evacuation, can be initiated to minimize damage and loss of life. Two levels of warnings are employed:

- (a) HURRICANE WATCH - a preliminary alert that a hurricane MAY threaten a specified portion of the coast. It is issued 36 hours before landfall may occur; and
- (b) HURRICANE WARNING - which indicate that hurricane conditions are EXPECTED along a specified portion of the coast. It is issued 24 hours before landfall. To provide additional information for maritime interests, a Marine Advisory is also issued which provides storm position forecasts for up to 72 hours in advance of a storm, and probabilities of hurricane strikes for coastal locations and offshore coordinates.

Mariners are reminded that aids to navigation, particularly lighted and unlighted buoys, may be moved from charted position, damaged, destroyed, extinguished or otherwise deemed discrepant as a result of hurricane and storms. Mariners should not rely solely upon the position or operation of an aid to navigation, but also employ such other methods of determining position as may be available.

Mariners are further reminded that during the hurricane season drawbridges along the coast may deviate from normal operating procedures. Drawbridges are authorized to remain closed upon approach of gale force winds of 34 knots or greater. Others may be authorized to extend closed periods prior to gale force winds to facilitate evacuation of land traffic or close operations up to 8 hours before expected arrival of gale force winds. Due to the uncertainty of hurricane movements and bridge closures, mariners are urged to seek passage through drawbridges well in advance of the arrival of gale force winds.

#### **SAFETY ADVISORY - MARINE TELEVISION ANTENNAE INTERFERENCE WITH GPS**

This safety advisory applies to the Coast Guard cutter fleet and boat forces community and is provided for informational purposes only. It has come to the attention of the Coast Guard and Federal Communications Commission (FCC) that certain consumer electronics-grade active VHF/UHF marine television antennas are causing operational degradation in the performance of global positioning system (GPS) receivers. This interference may be realized as a display of inaccurate position information or a complete loss of GPS receiver acquisition and tracking ability.

The interference is not limited to the GPS equipment onboard the vessel with the installed active marine television antennae. There have been reports of interference occurring on other vessels and installations operating up to 2000 feet away from vessels using such antennas. In one particular case, the interference caused the position of the vessel as displayed on the electronic chart to move erratically and dramatically often across large expanses of land. As can be expected, various data displays indicated erroneous information such as excessive speeds. In these instances the problem would occasionally correct itself while at other times required resetting the system. To the vessel's crew these annoyances were frustrating and caused concerns that perhaps less obvious inaccuracies were occurring. Ultimately this affected their confidence in the performance of the GPS and electronic chart display and information system.

The FCC identified the following models of marine television antennas as having potential problems during the investigation of GPS interference: A. TDP (Tandy Distribution Products) Electronics - Mini State Electronic amplified UHF/VHF TV ANTENNA - MODELS 5MS740, 5MS750, AND 5MS921.

B. Radio Shack Corporation - Long Range Amplified Omni Directional TV Antenna - Model 15-1624.

C. Shakespeare Corporation - Seawatch - Models 2040/Code Date 02A00, 2050/Code Date 03A00 (Code dates are found on the antenna power supply). The GPS interference problem may not be limited to the marine television models listed above.

4. If mariners experience outages or degradation of their GPS receiver operation, they should perform an on-off test of their marine television antennae. If turning off the power to the marine television antenna results in improvement in the GPS receiver performance, the marine television antenna may be the source of interference in the GPS band. In that case, the mariner should contact the manufacturer of the marine television antenna and identify the symptoms. If turning off the marine television antennae does not improve the GPS receiver performance or if mariners identify another marine television antenna (not listed above) with a GPS interference problem, mariners have been requested to contact the 24-hour Coast Guard Navigation Information Service At 703-313-5900 Or Email to [NISWS@NAVCEN.USCG.MIL](mailto:NISWS@NAVCEN.USCG.MIL).

5. Questions or comments related to this information may be addressed to Mr. William Cairns (G-SCT-2) at 202-267-6599 / Email to [WCAIRNS@COMDT.USCG.MIL](mailto:WCAIRNS@COMDT.USCG.MIL) or LCDR Kathryn L. Oakley (G-WKS-4) at 202-267-2965 / Email to [KOAKLEY@COMDT.USCG.MIL](mailto:KOAKLEY@COMDT.USCG.MIL).

Ref: LNM 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18 and 22/03

#### **OPERATION "ON GUARD"**

U. S. Coast Guard Marine Safety Office Miami announces Operation "ON GUARD". This operation is designed to employ Coast Guard - active duty, reserve and auxiliary, Federal Bureau of Investigation, US Customs Service, US Immigration and Naturalization Service and the Florida Department of Law Enforcement personnel in response to suspected terrorist activity at the waterfront facilities of the United States. South Florida is extremely vulnerable because it is the terminus of illegal alien and narcotics smuggling routes from the Bahamas, the Caribbean and South America. These routes are well established and are readily available for use by terrorist organizations. An urgent need existed to make the American Public equal partners in the fight on terrorism. Operation "ON GUARD" creates an effective deterrent measure that employs the eyes and ears of the marine industry and the boating public, people that know every inch of the coastline because it is where they work and play. Potential terrorists are put on notice that their activities will be seen and reported.

Operation "ON GUARD" takes a two pronged approach consisting of face to face visits by Coast Guard, FBI, USCS, INS and FDLE personnel combined with a coordinated joint agency media campaign to reach Marina Operators, Marine Dealers, Bridge Tenders, Commercial Fishermen, and the Boating Public. This operation relies on Coast Guard Auxiliary programs already in place like the "Clean Marina" program, Vessel Safety Checks, Marine Dealer Visits and the Commercial Fishing Vessel Safety Program to reach their normal customers, the waterfront users. The public is provided with the toll free number (1.800.424.8802) for reporting suspected terrorist activity to the National Response Center and the 1.800.BE ALERT number for US Customs along with a list of reporting criteria.

#### **Report:**

- Suspicious persons conducting unusual activities
- Individuals establishing businesses or roadside food stands in proximity to marina or bridge
- Unknown persons photographing or creating diagrams
- Unknown or suspicious persons loitering for extended periods of time
- Unknown or suspicious persons renting watercraft
- Suspicious vendors attempting to sell/deliver merchandise or drop off packages

For additional information contact: LCDR Armin Cate (305) 535-8735

LNM Ref: 16, 17, 18, 20, 21, 22, 23, 27, 32, 36, 40, 44, 45, 49/02, 01, 05, 08, 09, 10, 11, 12, 13, 18, 20, 21 and 22/03

### COAST GUARD SECURITY ZONE

The Captain of the Port of Charleston, SC, has established a temporary security zone for the waters under the Don Holte I-526 Bridges over the Cooper River to Lighted Buoy 73 (LLNR 3050) until further notice. In the interest of national security, all vessels are prohibited from entering, transiting, anchoring, mooring or loitering within this zone, unless specifically authorized by the Captain of the Port. Mariners should contact the lead Coast Guard vessel on VHF Channel 16 for safety and maneuvering information when operating in the vicinity of this zone.

Ref: LNM 06, 09, 13, 18 and 22/03

Chart 11480

### NAVAL PROTECTION ZONES

The U. S. Coast Guard has established protection zones around U. S. Naval vessels within U. S. navigable waters. Naval vessels protection zones are established within 100 yards of any U. S. Naval vessel. This includes any vessel owned, operated, chartered, or leased by the U. S. Navy or under the operational control of the U. S. Navy. Vessels within 500 yards of a U. S. Naval vessel shall operate at the minimum speed necessary to maintain a safe course and proceed as directed by the official patrol. Mariners may contact the U. S. Coast Guard on VHF Channel 16 regarding this message.

Ref: LNM 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 44, 45, 49/02, 01, 05, 08, 09, 13, 18 and 22/03

### SAFE BOATING AND SEAMANSHIP PROGRAMS

For additional information on CG Auxiliary Public Education Boating Programs, contact 1-800-336-2628 or <http://www.cgaux7.org/>.

HOST	DATES	TIME	LOCATION
U. S. Coast Guard Auxiliary Flotilla 42 (321) 773-7599	Continuous Boating Skills and Seamanship	7:30 p.m.– 9:30 p.m. (Tuesdays & Thursdays) 6 Weeks, 12 Lessons	Palm Bay Community Ctr 1502 Port Malabar Blvd Palm Bay, FL
U. S. Coast Guard Auxiliary Flotilla 78 (727) 360-7496	Continuous Boating Skills and Seamanship	7:30 p.m.– 9:30 p.m. (Mondays) 13 Weeks	Warren Webster Community Ctr 1500 Passe Grille Blvd St Petersburg, FL
U. S. Coast Guard Auxiliary Flotilla 79 (813) 855-6997	Continuous Boating Skills and Seamanship	7:30 p.m.– 9:30 p.m. (Wednesdays) 13 Weeks	5108 Gandy Blvd Salty Sol Boat Ramp Tampa, FL
U. S. Coast Guard Auxiliary Flotilla 7-16 (727) 323-5950	Continuous Boating Skills and Seamanship	7:30 p.m.– 9:30 p.m. (Tuesdays) 13 Weeks	USCG Auxiliary Bldg 3120 Miriam St South Gulfport, FL
U. S. Coast Guard Auxiliary Flotilla 11-1 (727) 469-8895	July 12-13, 2003 Boating Safety (Register at 7:30 a.m.)	8:00 a.m. – 1:00 p.m. (Saturday and Sunday) 2 Sessions	Clearwater Com Sailing Ctr 2nd Floor, 1001 Gulf Blvd Sand Key (Clearwater), FL
U. S. Coast Guard Auxiliary Flotilla 11-1 (727) 469-8895	July 14-17, 2003 Basic Chart Reading and GPS (Register at 7:00 p.m.)	7:30 p.m.– 9:30 p.m. (Monday-Thursday) 4 Sessions	Clearwater Com Sailing Ctr 2nd Floor, 1001 Gulf Blvd Sand Key (Clearwater), FL
U. S. Coast Guard Auxiliary Flotilla 54 (561) 738-7454	July 18, 2003 For Women Boaters Only	7:00 p.m.– 10:00 p.m. (Friday) 3 Hours	Boynton Beach Boat Club 2020 N Federal Hwy Boynton Beach, FL
U. S. Coast Guard Auxiliary Flotilla 46 (727) 323-5950	July 19, 2003 Boating Safety Program	8:00 a.m.– 5:00 p.m. (Saturday) 1 Day	Lee Wenner Park USCG Auxiliary Bldg Cocoa, FL

Programs are free; there is a nominal fee for text workbooks, etc.

## **II. DISCREPANCIES-DISCREPANCIES CORRECTED**

This section lists all discrepancies to Aids to Navigation reported since the last monthly published list. A discrepancy is a change in the status of an aid to navigation that differs from what is published and or charted. **Unless otherwise indicated, missing and destroyed structures are presumed to be in the immediate vicinity. Mariners should proceed with caution.**

**FEDERAL AID DISCREPANCIES:**

LLNR	AID NAME	DISCREPANCY	CHART	BNM	LNM
345	Tybee Light	LT EXT	11512	161-03 CHA	26/03
350	Tybee Lighted Whistle Buoy T	RAC INOP	11505	065-03 CHA	11/03
695	St Lucie Shoal Lighted Whistle Buoy 12	HAZ NAV/BUOYSINK	11474	269-03 MIA	20/03
1740	Little River Inlet Daybeacon 15	TRUB	11534	028-03 CHA	08/03
1960	Winyah Bay Channel Lighted Buoy 15	LT EXT	11532	139-03 CHA	23/03
2105	Winyah Bay Channel Light 32	TRLB	11532	092-03 CHA	15/03
2325	Five Fathom Creek Daybeacon 14	TRUB	11518	062-03 CHA	11/03
2700	Cooper River Light 45	TRLB	11524	101-03 CHA	16/03
2870	Cooper River Lighted Buoy 54	OFF STA	11524	130-03 CHA	21/03
3153	Cooper River Daybeacon 90	TRUB	11527	335-02 CHA	52/02
3240	Cooper River Light 112	TRLB	11527	112-03 CHA	17/03
3243	Cooper River Daybeacon 114	DBN DEST	11527	163-03 CHA	26/03
3305	Wando River Terminal Lighted Buoy 3	OFF STA	11524	168-03 CHA	26/03
3315	Wando River Terminal Lighted Buoy 5	OFF STA	11524	169-03 CHA	26/03
3525	Mount Pleasant Channel Daybeacon 4	TRUB	11523	306-02 CHA	48/02
3660	Ashley River Daybeacon 21	TRUB	11524	050-02 CHA	11/02
3715	Stono Inlet Buoy 4	TRUB	11522	157-03 CHA	25/03
3740	Folly River Buoy 7	OFF STA	11524	166-03 CHA	26/03
3825	Stono River Daybeacon 15	TRUB	11522	151-03 CHA	25/03
3915	Bohicket Creek Daybeacon 8	TRUB	11522	104-03 CHA	16/03
4015	Egg Bank Daybeacon 6	TRUB	11517	263-02 CHA	43/02
4030	Harbor River Daybeacon 10	TRUB	11517	097-03 CHA	26/03
4530	Tybee Lighted Whistle Buoy T	RAC INOP	11505	065-03 CHA	11/03
4540	Tybee Light	LT EXT	11512	161-03 CHA	26/03
4695	Calibogue Sound Entrance Light 5	TRLB	11516	416-01 CHA	47/01
4710	Tybee Knoll Cut Range Front Light	LT EXT	11512	117-03 CHA	19/03
4965	Elba Island Light 49	TRUB/ADRIFT	11512	074-03 CHA	13/03
5355	Upper Savannah River Daybeacon 49	DBN DEST	11515	111-03 CHA	17/03
5600	Wassaw Sound Buoy 9	OFF STA	11512	315-03 MAY	24/03
5625	Bull River Daybeacon 1	DBN DMGD	11512	325-02 CHA	51/02
5670	Cabbage Island Spit Light 16	DBN IMCH	11512	154-03 CHA	25/03
5685	Romerly Marsh Light 19	TRLB	11512	327-02 CHA	51/02
5875	Sapelo River Daybeacon 2	TRUB	11507	073-03 MAY	06/03
6145	St Simons Sound Lighted Buoy 20	OFF STA	11506	256-03 MAY	20/03
6575	St Marys Entrance Lighted Buoy 11	OFF STA	11503	260-03 MAY	20/03
6640	St Marys North Jetty Daybeacon E	TRUB	11503	597-01 MAY	40/01
6645	St Marys South Jetty Daybeacon F	TRLB	11503	598-01 MAY	40/01
7190	St Johns River Lighted Buoy 10	OFF STA	11490	263-03 MAY	20/03
7195	St Johns River Lighted Buoy 11	OFF STA	11490	188-03 MAY	15/03
7285	Mile Point Jetty West Daybeacon	TRUB	11491	060-03 MAY	05/03
7325	White Shells Cut Range Rear Light	LT DIM	11491	267-03 MAY	21/03
7395	Blount Island Turning Basin Light 45	TRLB	11491	129-03 MAY	10/03
7455	Quarantine Island Upper Range Rear Light	LT IMCH	11491	198-03 MAY	16/03
7635	Terminal Channel Lighted Buoy 78	OFF STA	11491	328-03 MAY	25/03
7690	Ortega River Light 1	TRLB	11491	144-02 MAY	14/02
8090	Rice Creek Entrance Channel Daybeacon 7	TRUB	11492	086-03 MAY	06/03
8295	Murphy Island Light 23	TRLB	11495	308-03 MAY	24/03
8310	Buffalo Bluff Daybeacon 27	TRUB	11495	289-03 MAY	22/03
8360	Horse Landing Light 37	TRLB	11495	231-03 MAY	18/03
9815.1	Fort Pierce Inlet Lighted Buoy 3	LT EXT	11475	223-03 MIA	17/03
11205	Angelfish Creek Daybeacon 4	TRUB	11463	140-03 MIA	11/03
12205	Snake Creek Daybeacon 1	TRUB	11462	087-03 KEY	20/03
12645	Big Spanish Channel Daybeacon 48	TRLB	11448	100-03 KEY	22/03
14875	Key West Main ChaN Cut Buoy Rge R Light	DBN IMCH	11447	096-02 KEY	32/02
15120	Key West Southwest Channel Buoy C	BUOYDMGD	11441	075-03 KEY	18/03
15145	Key West Southwest Channel Buoy E	BUOYDMGD	11441	075-03 KEY	18/03
15705	Flamingo Channel Daybeacon 14	TRLB	11433	011-03 KEY	04/03
15975	Indian Key Pass Daybeacon 3	TRUB	11429	1117-02 STP	38/02
15980	Indian Key Pass Light 4	TRLB	11429	1389-02 STP	48/02
16070	Chokoloskee Bay Channel Daybeacon 25	TRUB	11429	979-02 STP	32/02
16085	Chokoloskee Bay Channel Light 28	TRLB	11429	1415-02 STP	49/02
16230	Barron River Channel Daybeacon 55	TRUB	11429	1401-02 STP	48/02
16965	Capri Pass Daybeacon 5	TRUB	11429	411-03 STP	12/03
16990	Capri Pass Daybeacon 11	TRLB	11429	812-03 STP	25/03
17405	Big Marco Pass-Gordon Pass Daybeacon 62	DBN IMCH	11429	1004-02 STP	33/02

17510	Gordon Pass Channel Daybeacon 10	MISSING	11430	562-03 STP	16/03
17595	Naples Bay Channel Daybeacon 25	TRUB	11429	705-03 STP	21/03
17600	Naples Bay Channel Daybeacon 26	TRUB	11429	436-03 STP	12/03
17680	Naples Bay Channel Daybeacon 39	TRUB	11430	682-03 STP	20/03
19970	La Costa Test Pile South Light	LT EXT	11427	551-02 STP	17/02
20485	Peace River Daybeacon 3A	TRUB	11426	462-03 STP	13/03
21485	Big Sarasota Pass Daybeacon 5	TRUB	11425	642-03 STP	19/03
22075	Manatee River Daybeacon 23	TRLB	11416	707-03 STP	21/03
22240	Egmont Channel Lighted Buoy 3	TRLB	11412	769-03 STP	24/03
22300	Egmont Channel Lighted Bell Buoy 12	LT EXT	11412	632-03 STP	19/03
22355	Mullet Key Channel Range Front Light	LT EXT	11416	631-03 STP	22/03
22360	Mullet Key Channel Range Rear Light	LT EXT	11416	842-03 STP	26/03
23015	Hillsborough Cut A Cha N Range Rear Light	LT EXT	11416	830-03 STP	26/03
23440	Hillsborough Cut C Chan N Range Rear Light	LT EXT	11416	816-03 STP	25/03
25600	Johns Pass Channel Light 4	TRLB	11412	733-03 STP	22/03
26395	Anclote River South Channel Daybeacon 8S	TRUB	11411	124-02 STP	05/02
28435	Homosassa River Daybeacon 28	DBN IMCH	11409	843-03 STP	26/03
28465	Homosassa River Daybeacon 35	TRUB	11409	1064-02 STP	43/02
28685	Homosassa River Daybeacon 74	TRLB	11409	256-02 STP	09/02
28795	Crystal River Entrance Daybeacon 3	TRUB	11408	528-03 STP	15/03
30795	Bahia de San Juan Lighted Buoy 8	LT IMCH	25670	190-03 GAN	26/03
31530	Punta Mulas Light	LT EXT	25663	191-03 GAN	26/03
32315	Arrecife Tourmaline Lighted Buoy 8	LT EXT	25671	121-03 GAN	11/03
33647	Little River-Winyah Bay Obstruction Dbn	TRUB	11534	026-03 CHA	04/03
33690	Little River-Winyah Bay Daybeacon 19	TRUB	11534	096-03 CHA	16/03
33705	Little River-Winyah Bay Daybeacon 21A	TRUB	11534	073-03 CHA	13/03
33840	Little River-Winyah Bay Light 36	TRUB	11534	135-03 CHA	22/03
34090	Winyah Bay Channel Light 32	TRLB	11532	092-03 CHA	15/03
34180	Winyah Bay-Charleston Harbor Dbn 19	TRUB	11532	014-03 CHA	02/03
34260	Winyah Bay-Charleston Harbor Dbn 42	TRUB	11518	039-03 CHA	06/03
34320	Winyah Bay-Charleston Harbor Dbn 61	TRUB	11518	052-03 CHA	08/03
34405	Winyah Bay-Charleston Harbor Light 89	LT EXT	11518	133-03 CHA	22/03
34430	Winyah Bay-Charleston Harbor Dbn 97	TRUB	11518	089-03 CHA	14/03
34550	Winyah Bay-Charleston Harbor Light 127	TRLB	11523	016-03 CHA	03/03
34760	Stono River Daybeacon 51	TRUB	11522	149-03 CHA	25/03
34810	Stono River Daybeacon 61	TRUB	11522	077-03 CHA	13/03
34835	Wadmalaw River Light 77	TRLB	11522	093-03 CHA	15/03
34970	Dawho River Daybeacon 116	TRUB	11522	003-03 CHA	01/03
35135	South Edisto River Daybeacon 161A	DBN DMGD	11517	100-03 CHA	16/03
35310	Coosaw River Daybeacon 206	TRUB	11519	072-03 CHA	12/03
35655	Skull Creek Daybeacon 9A	TRUB	11516	148-03 CHA	24/03
35705	Skull Creek Light 22	TRUB	11516	108-03 CHA	16/03
35745	May River Daybeacon 2	DBN IMCH	11516	134-03 CHA	22/03
35805	Savage Island Light 34	TRLB	11512	331-02 CHA	51/02
35840	Walls Cut Light 42	TRLB	11512	147-03 CHA	24/03
35855	Walls Cut Daybeacon 46	TRUB	11512	099-03 CHA	16/03
35860	Fields Cut Light 47	TRLB	11512	125-03 CHA	20/03
36000	Wilmington River Daybeacon 27	TRUB	11512	119-03 CHA	20/03
36025	Wilmington River Daybeacon 33	TRUB	11512	020-03 CHA	03/03
36135	Skidaway Narrows Light 57	TRLB	11512	032-03 CHA	05/03
36550	Johnson Creek Daybeacon 130	TRUB	11511	094-03 CHA	15/03
36630	Sapelo Sound Daybeacon 136A	TRUB	11507	580-02 MAY	45/02
36680	Front River Light 153	TRLB	11510	284-03 MAY	22/03
36710	Old Teakettle Creek Range A Front Dbn	TRUB	11510	141-03 MAY	12/03
36826.8	Darien River Daybeacon 18	TRUB	11507	006-02 MAY	01/03
36850	Rockedundy River Daybeacon 188	TRUB	11510	142-03 MAY	12/03
37210	Mackay River Light 249	TRLB	11506	282-03 MAY	22/03
37215	Mackay River Light 250	DBN IMCH	11506	280-03 MAY	22/03
37255	St Simons Sound Lighted Buoy 20	OFF STA	11506	256-03 MAY	20/03
37346	Jekyll Creek Daybeacon 20A	TRUB	11489	318-03 MAY	25/03
38050	South Amelia River Daybeacon 21	TRUB	11489	204-03 MAY	17/03
38240	Gunnison Cut Daybeacon 66	TRUB	11489	178-03 MAY	26/03
38375	Pablo Creek Daybeacon 8	TRUB	11489	228-03 MAY	18/03
39470	Matanzas River Daybeacon 66	TRUB	11485	313-03 MAY	24/03
39480	Matanzas River Daybeacon 68	DBN DEST	11485	312-03 MAY	24/03
39950	Halifax River Daybeacon 19	TRUB	11485	307-03 MAY	24/03
40000	Halifax River Daybeacon 30	TRLB	11485	334-03 MAY	26/03
40210	Halifax River Light 47	LT EXT	11485	346-03 MAY	26/03
40445	Halifax River Light 62	TRLB	11485	230-03 MAY	18/03
40520	Inlet Harbor Buoy 4	OFF STA	11485	183-03 MAY	15/03



40810	New Smyrna Beach Daybeacon 52	TRUB	11485	240-03 MAY	19/03
41970	Banana River North Buoy 45	TRUB	11484	337-03 MAY	26/03
42040	Banana River North Daybeacon 60	TRUB	11484	330-03 MAY	26/03
42175	Indian River (North Section) Daybeacon 79	TRUB	11485	336-03 MAY	26/03
43675	Indian River (South Section) Daybeacon 65A	HAZ NAV/DBN DEST	11472	359-03 MIA	26/03
45935	Great Pocket Daybeacon 3A	TRUB	11472	284-03 MIA	22/03
46410	Lake Worth Creek Daybeacon 18	TRLB	11472	336-03 MIA	26/03
50115	Cutter Bank Daybeacon 8A	TRLB	11463	324-03 MIA	26/03
50125	Cutter Bank Light 10	TRLB	11463	278-03 MIA	21/03
50470	Baker Cut Daybeacon 58A	TRLB	11451	105-03 KEY	23/03
50510	Hammer Point Daybeacon 62A	TRLB	11451	094-03 KEY	20/03
50630	Cowpens Light 78	TRLB	11451	031-03 KEY	10/03
51180	St Lucie Canal Daybeacon 52	TRLB	11428	338-03 MIA	26/03
51355	Clewiston Channel (Rt 1B) Daybeacon 16	TRUB	11428	657-02 MIA	53/02
52415	Caloosahatchee River Daybeacon 32	TRUB	11427	775-03 STP	24/03
53265	Caloosahatchee River Daybeacon 61	TRUB	11427	383-03 STP	11/03
53275	Caloosahatchee River Range Front Light D	LT DIM	11427	634-03 STP	19/03
57355	Lemon Bay Channel Light 22	TRLB	11425	579-03 STP	16/03
59560	Siesta Key-Tampa Bay Light 47	DBN IMCH	11425	850-03 STP	26/03

**FEDERAL AID DISCREPANCIES CORRECTED:**

<u>LLNR</u>	<u>AID NAME</u>	<u>DISCREPANCY</u>	<u>CHART</u>	<u>BNM</u>	<u>LNM</u>
620	Hetzel Shoal Lighted Buoy 8	WATCHING PROPERLY	11484	327-03 MAY	25/03
2550	Charleston Harbor N Chan Range C Rear Lt	WATCHING PROPERLY	11524	156-03 CHA	25/03
4805	Long Island Crossing Upper Range Rear Lt	WATCHING PROPERLY	11512	170-03 CHA	26/03
7845	Ragged Point Light 12	WATCHING PROPERLY	11492	N/A	26/03
9590	Canaveral Harbor App Chan Lighted Buoy 4	WATCHING PROPERLY	11484	604-02 MAY	47/02
9844	Ft Pierce Int Inner Harbor Outbound Rge R Lt	WATCHING PROPERLY	11475	322-03 MIA	25/03
9970	Fort Pierce Inlet Inner Harbor Light 16	WATCHING PROPERLY	11475	190-03 MIA	14/03
10825	Biscayne Channel Daybeacon 4	REBUILT/REMAINS	11469	254-03 MIA	19/03
10870	Biscayne Channel Daybeacon 18	REBUILT/RECOVERED	11466	255-03 MIA	19/03
11180	Angelfish Creek Light 2	WATCHING PROPERLY	11451	116-03 KEY	25/03
15160	Key West NW Chan Ent Lighted Bell Buoy 1	WATCHING PROPERLY	11441	119-03 KEY	26/03
22610	Tampa Bay Cut C Channel Lighted Buoy 3C	WATCHING PROPERLY	11412	818-03 STP	25/03
23785	Tampa Bay Cut K Chan Upper Range Rear Lt	WATCHING PROPERLY	11416	663-03 STP	20/03
26175	Anclote River Entrance Daybeacon 8	WATCHING PROPERLY	11411	823-03 STP	25/03
29275	Cross Florida Barge Canal Daybeacon 29	WATCHING PROPERLY	11408	762-03 STP	24/03
35075	South Edisto River Range A Rear Light	WATCHING PROPERLY	11518	164-03 CHA	26/03
35440	Beaufort River Light 235	WATCHING PROPERLY	11519	167-03 CHA	26/03
36440	Bear River Daybeacon 107	WATCHING PROPERLY	11511	141-03 CHA	24/03
37995	Fernandina Beach Daybeacon 5	WATCHING PROPERLY	11489	345-03 MAY	26/03
41545	Indian River (North Section) Light 67	WATCHING PROPERLY	11485	325-03 MAY	25/03
41695	Canaveral Barge Canal Daybeacon 6	WATCHING PROPERLY	11478	331-03 MAY	26/03
42225	Indian River (North Section) Light 85	WATCHING PROPERLY	11485	321-03 MAY	25/03
45120	Fort Pierce Inlet Inner Harbor Light 16	WATCHING PROPERLY	11475	190-03 MIA	14/03
46525	Lake Worth North Light 34	WATCHING PROPERLY	11472	337-03 MIA	26/03
48185	Biscayne Bay Daybeacon 21	REBUILT/RECOVERED	11467	312-03 MIA	24/03
48200	Biscayne Bay Daybeacon 24	REBUILT/RECOVERED	11467	275-03 MIA	21/03
48490	Biscayne Bay Daybeacon 57	REBUILT/RECOVERED	11468	208-03 MIA	16/03
60160	Siesta Key-Tampa Bay Range Rear Light	WATCHING PROPERLY	11425	822-03 STP	25/03

**PRIVATE AID DISCREPANCIES:**

<u>LLNR</u>	<u>AID NAME</u>	<u>DISCREPANCY</u>	<u>CHART</u>	<u>BNM</u>	<u>LNM</u>
179	*Peace River (North Section)tion Dbn 9	DBN DEST	11426	N/A	29/02
307	*Port Royal 45' Reef Buoy	DBN IMCH	11513	N/A	53/02
655	*Sebastian Inlet North Jetty Light	LT IMCH	11476	N/A	22/01
833	*NOAA DATA Lighted Buoy 41008	ADRIFT	11476	171-03 CHA	26/03
923	*Cape Florida Light	LT EXT	11451	455-02 MIA	40/02
1415	*USF COMPS Data LB	LT EXT	11412	N/A	09/03
2020	*Belle Isle Marina Daybeacon 3	DBN IMCH	11532	N/A	21/03
2030	*Belle Isle Marina Daybeacon 5	DBN IMCH	11532	N/A	21/03
2565	*Patriots Point Daybeacon 1	DBN DMGD	11524	N/A	39/01
2665	*Cooper River Degaussing Range E PI Light	LT EXT	11524	747-00 GD7	33/00
2670	*Cooper River Degaussing Range W PI Light	LT EXT	11524	015-00 CHA	02/00
2865	*U South Navy Pier Buoy Light	LT EXT	11524	N/A	14/00
4215	*Moss Creek Daybeacon 6	DBN IMCH	11516	N/A	38/02



4355	*Baynard Cove Creek Daybeacon 4	DBN DEST	11516	N/A	11/01
4360	*Baynard Cove Creek Daybeacon 6	DBN IMCH	11516	N/A	11/01
6175	*Jekyll Island Obstruction Daybeacon JP	DBN DEST	11506	N/A	23/03
6570.1	*Mayport Ferry Terminal West Light	LT EXT	11491	N/A	39/99
7425	*Blount Island Wharf Southwest Light	LT EXT	11491	N/A	18/02
9730	*Sebastian Inlet Channel Daybeacon 1	TRUB	11472	N/A	12/03
9735	*Sebastian Inlet Channel Daybeacon 2	TRUB	11472	N/A	12/03
9900	*Banty Saunders Rec Area Daybeacon 14	DBN DEST	11475	421-02 MIA	38/02
11090	*Caesar Creek Daybeacon 22	TRUB	11451	635-02 MIA	51/02
11265	*Villa Channel Daybeacon 6	DBN DMGD	11451	N/A	13/02
11300	*Villa Channel Daybeacon 13	MISSING	11451	N/A	13/02
11350	*Dispatch Creek Channel Daybeacon 3	DBN DMGD	11451	N/A	13/02
11380	*Dispatch Creek Channel Daybeacon 9	DBN DMGD	11451	N/A	13/02
11435	*Dispatch Creek Channel Daybeacon 20	MISSING	11451	N/A	13/02
11445	*Harbor Course Daybeacon 2	DBN DEST	11451	N/A	18/03
11565	*Garden Cove Daybeacon 6	DBN IMCH	11463	N/A	22/03
11595	*Garden Cove Daybeacon 11A	DBN IMCH	11463	N/A	22/03
11765.1	*Port Largo Channel Daybeacon 4	DBN IMCH	11451	N/A	26/03
11765.4	*Port Largo Channel Daybeacon 8	DBN IMCH	11451	N/A	26/03
11900	*Hidden Bay Daybeacon 2	DBN DMGD	11451	N/A	28/01
11905	*Hidden Bay Daybeacon 4	DBN DMGD	11451	N/A	28/01
11917.2	*Mariners Club Marina Daybeacon 2	DBN IMCH	11453	N/A	14/03
11917.3	*Mariners Club Marina Daybeacon 4	DBN IMCH	11464	N/A	14/03
11917.5	*Mariners Club Marina Daybeacon 8	DBN DEST	11464	N/A	14/03
12015	*Blue Water Trailer Vill Daybeacon 2	DBN IMCH	11451	N/A	22/03
12020	*Blue Water Trailer Vill Daybeacon 3	DBN IMCH	11451	N/A	22/03
12025	*Blue Water Trailer Vill Daybeacon 4	DBN IMCH	11451	N/A	22/03
12035	*Blue Water Trailer Vill Daybeacon 6	DBN IMCH	11451	N/A	22/03
12160	*Coral Harbour Club Light 2	DBN IMCH	11463	N/A	22/03
12733	*Niles Channel Shoal B	BUOYDMGD	11445	N/A	38/02
12785	*Holiday Isle Marina Daybeacon 5	DBN DMGD	11451	N/A	44/02
13160	*Indian Key Channel Daybeacon 5	TRUB	11449	N/A	15/03
13215	*Indian Key Channel Daybeacon 16	DBN IMCH	11449	N/A	26/03
13410	*Caloosa Cove Channel Daybeacon 16	DBN IMCH	11442	N/A	15/03
13425	*Caloosa Cove Channel Daybeacon 19	HAZ NAV/DBN DEST	11442	014-03 KEY	05/03
13505	*Duck Key Inlet Channel Daybeacon 2	DBN IMCH	11442	N/A	05/03
13515	*Duck Key Inlet Channel Daybeacon 4	DBN IMCH	11442	N/A	05/03
13525	*Duck Key Inlet Channel Daybeacon 6	DBN IMCH	11442	N/A	05/03
13530	*Duck Key Inlet Channel Daybeacon 8	DBN IMCH	11442	N/A	05/03
14700	*Key West Oceanside Marina Daybeacon 8	DBN IMCH	11446	N/A	12/03
14705	*Key West Oceanside Marina Daybeacon 9	DBN IMCH	11445	N/A	12/03
14780	*Casa Marina Daybeacon 1	DBN IMCH	11446	N/A	26/03
15260	*Lake Passage Channel Daybeacon 1	DBN DEST	11441	120-03 KEY	26/03
16595	*Blackwater River Daybeacon 33	DBN IMCH	11430	N/A	26/03
16615	*Blackwater River Daybeacon 39	DBN IMCH	11430	N/A	26/03
16640	*Blackwater River Daybeacon 30	DBN IMCH	11430	N/A	26/03
16680	*South Approachroach Daybeacon 4	DBN IMCH	11429	N/A	53/02
16685	*Caxambas Bay Daybeacon 1	DBN DEST	11429	N/A	53/02
16735	*Caxambas Bay Daybeacon 16	DBN IMCH	11429	N/A	53/02
17870	*Water Turkey Bay Channel Daybeacon 11	DBN DEST	11430	795-03 STP	24/03
17960	*Barefoot Boat Club Daybeacon 23	DBN DMGD	11430	N/A	22/03
18245	*Hurricane Bay Marina South Channel Dbn 1	DBN DEST	11427	491-03 STP	14/03
18520	*North Estero Bay Daybeacon 7	DBN IMCH	11427	N/A	18/03
18580	*North Estero Bay Daybeacon 25	DBN DEST	11427	N/A	18/03
18785	*Mullock Creek Daybeacon 5	DBN DEST	11427	N/A	21/03
18835	*Mullock Creek Daybeacon 13	DBN DEST	11427	N/A	21/03
18850	*Mullock Creek Daybeacon 18	DBN DMGD	11427	N/A	21/03
18995	*Alternate Route Channel Daybeacon 3	DBN IMCH	11427	N/A	18/03
19005	*Alternate Route Channel Daybeacon 5	DBN IMCH	11427	N/A	18/03
19030	*Alternate Route Channel Daybeacon 10	DBN IMCH	11427	N/A	18/03
19155	*South Estero Bay Daybeacon 13	DBN DEST	11427	N/A	08/03
19215	*South Estero Bay Daybeacon 28	DBN DMGD	11427	N/A	21/03
19370	*Spring Creek Daybeacon 11	DBN DMGD	11426	N/A	19/02
19580	*South Estero Bay Daybeacon 43	DBN DEST	11427	N/A	21/03
19650	*South Estero Bay Daybeacon 60A	DBN DEST	11427	N/A	21/03
20680	*Punta Gorda Boat Club Daybeacon 1	DBN DMGD	11426	N/A	48/01
20755	*Beeney Waterway Light 1	LT EXT	11426	1176-02 STP	40/02
20800	*Grassy Point East Obstruction Daybeacon	DBN IMCH	11426	N/A	12/03
21345	*Stump Pass Light 1	DBN DEST	11425	N/A	19/03
21350	*Stump Pass Daybeacon 3A	DBN IMCH	11426	N/A	12/03

21355	*Stump Pass Daybeacon 4	DBN DEST	11426	N/A	19/03
21365	*Stump Pass Daybeacon 5A	DBN IMCH	11426	N/A	06/03
21415	*Stump Pass Marina Light	DBN DEST	11425	N/A	19/03
21560	*Sarasota Bay Artificial Reef Daybeacon J	DBN DEST	11425	N/A	21/03
21565	*Sarasota Bay Artificial Reef Daybeacon B	DBN DEST	11425	N/A	18/03
21655	*Sarasota Bay Artificial Reef Daybeacon M	DBN IMCH	11425	N/A	18/03
21680	*Country Club Shores Daybeacon 10	DBN IMCH	11425	N/A	20/03
21685	*Country Club Shores Daybeacon 12	DBN IMCH	11425	N/A	18/03
21701	*Anglers Club Reef Daybeacon AC	DBN DEST	11425	N/A	18/03
21945	*Fifty-Ninth Street Boat Ramp Daybeacon 2	DBN DEST	11415	407-03 STP	11/03
22047.3	*Holiday Inn Marina Daybeacon 3	DBN DEST	11425	N/A	14/01
22290	*Tampa Bay P.O.R.T.S. Monitor Light P	LT IMCH	11412	678-03 STP	20/03
22815.5	*MacDill Air Force Base Prohib Area Dbn 24	DBN DEST	11416	N/A	24/03
22980	*McDill Marina Channel Daybeacon 3	DBN IMCH	11412	N/A	19/02
22985	*McDill Marina Channel Daybeacon 4	DBN IMCH	11412	N/A	19/02
23055	*Big Bend Channel Lighted Buoy 4	LT EXT	11416	824-01 STP	41/01
23070	*Big Bend Channel Buoy 7	BUOYSINK	11416	1474-02 STP	51/02
23950	*Old Tampa Bay Pipeline East Light	LT IMCH	11416	N/A	24/03
24050	*Bridgeview Channel Daybeacon 3	DBN DMGD	11412	N/A	14/01
24115	*Culbreath Bayou North Daybeacon 16	DBN IMCH	11416	N/A	24/03
24165	*Data Collection Platform A	LT IMCH	11412	N/A	24/03
24170	*Courtney Campbell Reef Center B	OFF STA	11416	N/A	24/03
24260	*Bay Crest Daybeacon 2	MISSING	11416	N/A	19/02
24290	*Cabbagehead Bayou Daybeacon 2	DBN IMCH	11416	N/A	24/03
24295	*Cabbagehead Bayou Daybeacon 3	DBN IMCH	11416	N/A	24/03
24665	*North Apollo Beach Daybeacon 1	DBN IMCH	11416	N/A	26/03
24680	*North Apollo Beach Daybeacon 5	DBN IMCH	11412	N/A	26/03
24690	*North Apollo Beach Daybeacon 9	DBN IMCH	11416	N/A	26/03
25330	*Mullet Key Bayou East Channel Buoy 1	MISSING	11412	N/A	24/03
25510	*Dent's Channel Daybeacon 1	DBN IMCH	11415	N/A	24/03
25525	*Dent's Channel Daybeacon 6	DBN DEST	11411	N/A	24/03
25530	*South Dent Channel Daybeacon 1	DBN IMCH	11411	N/A	24/03
25550	*South Dent Channel Daybeacon 6	DBN IMCH	11415	N/A	24/03
25555	*South Dent Channel Daybeacon 7	DBN DEST	11411	N/A	24/03
25965	*Dunedin Marina Light 4	LT EXT	11412	325-03 STP	09/03
26025.1	*Hurricane Pass Daybeacon 14	DBN DMGD	11411	N/A	18/03
27585	*Hernando Beach Channel Daybeacon 17	DBN DEST	11409	N/A	53/02
29085	*Florida Power Corporation Channel Light 34	LT EXT	11408	N/A	23/03
29095	*Florida Power Corporation Channel Light 36	LT EXT	11408	N/A	23/03
29105	*Florida Power Corporation Channel Light 38	LT EXT	11408	N/A	23/03
30085	*Suwannee River Alligator Pass Light 2	LT EXT	11408	N/A	48/02
30690	*Cedar Island Daybeacon 1	DBN DMGD	11407	506-01 STP	28/01
30695	*Cedar Island Daybeacon 2	DBN DMGD	11407	507-01 STP	28/01
31215	*Sea Lovers Pier A E Light	MISSING	25667	N/A	40/99
31220	*Sea Lovers Pier A West Light	MISSING	25667	N/A	40/99
31225	*Sea Lovers Pier Buoy E Light	MISSING	25667	N/A	40/99
31230	*Sea Lovers Pier Buoy West Light	MISSING	25667	N/A	40/99
31535	*Sonda de Vieques Obstrn Lighted Buoy LAE	MISSING	25664	N/A	16/97
31745	*Puerto Yabucoa Channel Range Front Light	LT EXT	25661	257-02 GAN	33/02
31750	*Puerto Yabucoa Channel Range Rear Light	LT EXT	25661	257-02 GAN	32/02
31920	*Aguirre Power Plant Lighted Buoy 8	MISSING	25687	446-01 GAN	47/01
32420	*Redhook Bay Buoy 1	LT EXT	25647	365-02 GAN	45/02
32605	*West Indian Dock Light	LT EXT	25649	N/A	46/01
32645	*Krum Bay South Dolphin Obstruction Light	LT IMCH	25649	033-02 GAN	06/02
32780	*Cruz Bay Buoy 1	MISSING	25647	359-02 GAN	45/02
32805	*Cruz Creek Channel Buoy 1C	BUOYSINK	25647	360-02 GAN	45/02
34775	*Stono River Dike Light	MISSING	11518	N/A	39/01
38915	*Salt Run Daybeacon 1	DBN DEST	11485	226-02 MAY	18/02
39910	*Ormond Beach Daybeacon 2	DBN IMCH	11485	N/A	15/02
40090	*Halifax Harbor Daybeacon 8	DBN IMCH	11485	N/A	18/03
40575	*Ponce de Leon Lighthouse Chan Dbn 6	DBN IMCH	11485	N/A	38/02
41600	*Sykes Creek Daybeacon 14	DBN IMCH	11485	N/A	18/03
43615	*Inlet Marina Daybeacon 1	DBN DMGD	11476	N/A	15/01
43620	*Inlet Marina Daybeacon 2	DBN DMGD	11476	N/A	15/01
43625	*Inlet Marina Daybeacon 3	DBN DMGD	11476	N/A	15/01
43630	*Inlet Marina Daybeacon 4	DBN DMGD	11476	N/A	15/01
43630.8	*Sembler Marina North Channel Daybeacon 9	DBN IMCH	11472	N/A	10/03
43685.2	*Channel 68 Marina Daybeacon 2	DBN IMCH	11472	N/A	10/03
44005	*Grand Harbor Marina Daybeacon 8	DBN IMCH	11472	N/A	10/03
44020	*Grand Harbor Marina Daybeacon 11	DBN IMCH	11472	N/A	10/03

44025	*Grand Harbor Marina Daybeacon 12	DBN IMCH	11472	N/A	10/03
44040	*Grand Harbor Marina Daybeacon 15	DBN IMCH	11472	N/A	10/03
44085	*Bermuda Bay Daybeacon 5	DBN IMCH	11472	N/A	10/03
44095	*Bermuda Bay Daybeacon 7	DBN IMCH	11472	N/A	10/03
44105	*Bermuda Bay Daybeacon 9	DBN IMCH	11472	N/A	10/03
44115	*Bermuda Bay Daybeacon 11	DBN IMCH	11472	N/A	10/03
44230	*Vero Marine Center Daybeacon 5	DBN DEST	11476	N/A	06/03
44240	*Vero Marine Center Buoy 8	DBN IMCH	11476	N/A	06/03
44245	*Vero Marine Center Buoy 8A	DBN IMCH	11476	N/A	06/03
44250	*Vero Marine Center Buoy 8B	DBN IMCH	11476	N/A	06/03
44255	*Vero Marine Center Buoy 10	MISSING	11476	N/A	06/03
44305	*Riomar Daybeacon 7	DBN IMCH	11476	N/A	06/03
44310	*Riomar Daybeacon 8	DBN IMCH	11476	N/A	06/03
44325	*Riomar Daybeacon 11	DBN IMCH	11476	N/A	06/03
44630	*Moorings Channel Daybeacon 7	DBN IMCH	11472	N/A	06/03
44640	*Moorings Channel Daybeacon 9	DBN IMCH	11472	N/A	06/03
44665	*Moorings Channel Daybeacon 18	DBN IMCH	11472	N/A	06/03
45160	*Faber Cove Daybeacon 10	DBN DMGD	11476	N/A	28/01
45180	*Faber Cove Daybeacon 13	MISSING	11476	N/A	28/01
45200	*Ft Pierce City Marina Channel Daybeacon 1	DBN DMGD	11475	N/A	18/03
45210	*Ft Pierce City Marina Channel Daybeacon 3	DBN IMCH	11475	N/A	18/03
45225	*Ft Pierce City Marina Channel Daybeacon 6	DBN IMCH	11475	N/A	18/03
45345	*St. Lucie Power Plant Channel Daybeacon 4	DBN IMCH	11476	N/A	15/03
45455	*Nettles Island Channel Daybeacon 10	DBN IMCH	11472	N/A	14/03
45890	*Sewalls Point Daybeacon 2	DBN DEST	11472	277-03 MIA	21/03
45975	*Miles Grant Daybeacon 1	MISSING	11476	N/A	43/02
45985	*Miles Grant Daybeacon 3	DBN IMCH	11476	N/A	43/02
46065	*Loblolly Bay Marina Daybeacon 2	DBN IMCH	11476	N/A	18/03
46615	*New Port Cove Marine Ctr Daybeacon 1	DBN IMCH	11472	N/A	12/03
46675	*Old Slip Marina Daybeacon 3	DBN IMCH	11476	N/A	26/03
46680	*Old Slip Marina Daybeacon 4	DBN IMCH	11476	N/A	04/03
46685	*Old Slip Marina Daybeacon 5	DBN IMCH	11476	N/A	12/03
46855	*West Palm Beach Daybeacon 1	MISSING	11476	N/A	01/02
46865	*West Palm Beach Daybeacon 3	DBN DMGD	11476	N/A	05/02
47645	*Williams Island Daybeacon 1	HAZ NAV/DBN DEST	11467	286-03 MIA	22/03
47715	*Williams Island South Channel Daybeacon 2	DBN DMGD	11467	N/A	33/00
47850	*Keystone Point Channel Daybeacon 4	DBN DMGD	11467	N/A	23/97
47855	*Keystone Point Channel Daybeacon 6	DBN DMGD	11467	N/A	23/97
47890	*Mariners Bay Daybeacon 1	DBN DMGD	11467	N/A	49/98
48615	*Deering Channel Light 2	DBN DMGD	11451	253-03 MIA	19/03
48775	*L'hermitage Daybeacon 6	DBN DEST	11451	237-01 MIA	21/01
49085	*Key Biscayne Yacht Club Light 4	LT IMCH	11467	597-02 MIA	49/02
49160	*Four Way Channel Directional Daybeacon	MISSING	11451	N/A	39/97
49190	*Four Way Channel Daybeacon 8	DBN DEST	11465	065-03 MIA	05/03
49195	*Four Way Channel Daybeacon 9	DBN IMCH	11465	289-03 MIA	22/03
49215	*Anchorage Channel Daybeacon 2	DBN DMGD	11451	N/A	24/98
49225	*Hughes Cove East Obstruction Daybeacon	DBN DMGD	11451	N/A	24/98
49340	*Gables Estates Light 2	LT DIM	11451	514-02 MIA	44/02
50160	*Grayvik Daybeacon 1	DBN DMGD	11451	N/A	18/02
50165	*Grayvik Daybeacon 2	DBN DMGD	11451	N/A	18/02
50245	*Manatee Creek Approach Daybeacon 1	DBN DEST	11451	N/A	08/03
50320	*Manatee Bay Daybeacon 4	DBN IMCH	11451	N/A	08/03
50650	*Sewalls Point Channel Shoal Daybeacon	MISSING	11472	N/A	35/01
50905	*St. Lucie River (North Fork) Daybeacon 11	DBN IMCH	11428	N/A	04/03
50925	*St. Lucie River (North Fork) Daybeacon 15	DBN IMCH	11428	N/A	04/03
50930	*St. Lucie River (North Fork) Daybeacon 17	DBN IMCH	11428	N/A	04/03
50940	*St. Lucie River (North Fork) Daybeacon 20	DBN IMCH	11428	N/A	04/03
50945	*St. Lucie River (North Fork) Daybeacon 21	DBN IMCH	11428	N/A	04/03
50950	*St. Lucie River (North Fork) Daybeacon 23	DBN IMCH	11428	N/A	04/03
50955	*St. Lucie River (North Fork) Daybeacon 25	DBN IMCH	11428	N/A	04/03
50990	*St. Lucie River (North Fork) Daybeacon 34	DBN DEST	11428	N/A	18/03
51975	*Buckhead Ridge Canal Light BR	LT IMCH	11428	N/A	53/02
52822.4	*Caloosa Isle Marina Daybeacon 8	DBN DEST	11427	N/A	06/03
52822.8	*Caloosa Isle Marina Daybeacon 10	MISSING	11427	N/A	39/01
54375	*Redfish Cove Channel Daybeacon 1	DBN DEST	11427	647-03 STP	19/03
55255	*Matlacha Pass Daybeacon 91	DBN IMCH	11426	758-03 STP	23/03
56055	*Cabbage Key Channel Daybeacon 5	MISSING	11426	N/A	48/01
56170	*Useppa Island Club Channel Daybeacon 1	DBN DEST	11426	1231-01 STP	01/02
56777	*Placida Pier Northwest Obstruction Light	LT EXT	11425	990-02 STP	33/02
56778	*Placida Pier Northeast Obstruction Light	LT EXT	11425	990-02 STP	33/02

56778.5	*Placida Pier Southeast Obstruction Light	LT EXT	11425	990-02 STP	33/02
57200	*Knights Pass Channel Daybeacon 5	DBN IMCH	11425	N/A	19/03
57210	*Knights Pass Channel Daybeacon 7	DBN IMCH	11425	N/A	19/03
57220	*Knights Pass Channel Daybeacon 9	DBN IMCH	11425	N/A	19/03
57285	*Daughtrey Landing Daybeacon 1	DBN DEST	11425	N/A	29/02
57290	*Daughtrey Landing Daybeacon 2	DBN IMCH	11425	N/A	19/03
57295	*Daughtrey Landing Daybeacon 3	DBN DEST	11425	N/A	19/03
57300	*Daughtrey Landing Daybeacon 4	DBN IMCH	11425	N/A	19/03
57305	*Daughtrey Landing Daybeacon 5	DBN IMCH	11425	N/A	19/03
57310	*Daughtrey Landing Daybeacon 6	DBN IMCH	11425	N/A	19/03
57359.7	*Englewood Channel Daybeacon 12	DBN IMCH	11425	N/A	21/03
57375	*Bayview Channel Daybeacon 2	DBN DEST	11425	N/A	29/02
57380	*Bayview Channel Daybeacon 3	DBN IMCH	11425	N/A	19/03
57385	*Bayview Channel Daybeacon 4	DBN IMCH	11425	N/A	19/03
57390	*Bayview Channel Daybeacon 5	DBN IMCH	11425	N/A	19/03
57400	*Bayview Channel Daybeacon 7	DBN IMCH	11425	N/A	19/03
57405	*Bayview Channel Daybeacon 8	DBN DEST	11425	N/A	29/02
57410	*Bayview Channel Daybeacon 9	DBN DEST	11425	N/A	29/02
57415	*Bayview Channel Daybeacon 10	DBN DEST	11425	N/A	29/02
57435	*Indian Mound Pk Daybeacon 1	DBN IMCH	11425	N/A	38/02
57470	*Royal Palm Marina Buoy 1	DBN IMCH	11425	N/A	19/03
57475	*Royal Palm Marina Buoy 2	MISSING	11425	N/A	19/03
57480	*Royal Palm Marina Buoy 4	MISSING	11425	N/A	19/03
57485	*Royal Palm Marina Buoy 5	BUOYDMGD	11425	N/A	19/03
57490	*Royal Palm Marina Buoy 6	BUOYDMGD	11425	N/A	19/03
57495	*Royal Palm Marina Buoy 8	MISSING	11425	N/A	19/03
57500	*Royal Palm Marina Buoy 10	MSLD SIG	11425	N/A	19/03
57505	*Royal Palm Marina Buoy 11	BUOYDMGD	11425	N/A	19/03
57510	*Royal Palm Marina Buoy 12	BUOYDMGD	11425	N/A	19/03
57515	*Royal Palm Marina Buoy 13	BUOYDMGD	11425	N/A	19/03
57520	*Royal Palm Marina Buoy 14	BUOYDMGD	11425	N/A	19/03
57525	*Royal Palm Marina Buoy 15	BUOYDMGD	11425	N/A	19/03
57530	*Royal Palm Marina Buoy 16	MISSING	11425	N/A	19/03
57535	*Royal Palm Marina Buoy 18	BUOYDMGD	11425	N/A	19/03
57619.5	*Forked Creek Southeast Obstrn Daybeacon	DBN DEST	11425	N/A	29/02
57720	*Eagle Point Daybeacon 1	MISSING	11425	N/A	30/01
57790	*Lyons Bay Daybeacon 3	DBN DMGD	11425	N/A	43/02
57795	*Lyons Bay Daybeacon 4	DBN DMGD	11425	N/A	43/02
57800	*Lyons Bay Daybeacon 5	DBN DMGD	11425	N/A	43/02
57805	*Lyons Bay Daybeacon 6	DBN DMGD	11425	N/A	43/02
57820	*Lyons Bay Daybeacon 9	DBN DMGD	11425	N/A	43/02
57830	*Lyons Bay Daybeacon 11	DBN DMGD	11425	N/A	43/02
58540	*Tony Saprito Fishing Pier South Light	LT EXT	11425	N/A	18/03
58545	*Tony Saprito Fishing Pier North Light	LT EXT	11425	N/A	18/03
58575	*Sarasota Bay Artificial Reef Daybeacon H	DBN IMCH	11425	N/A	18/03
58595	*Sarasota Sail Squad RC Buoy D	MISSING	11425	N/A	21/03
58600	*Sarasota Sail Squad RC Buoy E	MISSING	11425	N/A	21/03
58605	*Sarasota Sail Squad RC Buoy F	MISSING	11425	N/A	21/03
58610	*Sarasota Sail Squad RC Buoy G	MISSING	11425	N/A	21/03
58630	*Sarasota Sail Squad RC Buoy K	MISSING	11425	N/A	21/03
58667.35	*Bay Isles Perimeter Channel Daybeacon 12	DBN IMCH	11425	N/A	18/03
58680	*Longboat Key Moorings Light 1	LT EXT	11425	N/A	21/03
58685	*Longboat Key Moorings Light 2	LT EXT	11425	N/A	21/03
58745	*Bayshore Garden Daybeacon 1	DBN DEST	11425	N/A	18/03
58750	*Bayshore Garden Daybeacon 2	DBN DEST	11425	N/A	18/03
58755	*Bayshore Garden Daybeacon 3	DBN DEST	11425	N/A	18/03
58760	*Bayshore Garden Daybeacon 4	DBN DEST	11425	N/A	18/03
58765	*Bayshore Garden Daybeacon 5	DBN DEST	11425	N/A	18/03
58770	*Bayshore Garden Daybeacon 6	DBN DMGD	11425	N/A	22/02
58775	*Bayshore Garden Daybeacon 7	DBN DEST	11425	N/A	18/03
58780	*Bayshore Garden Daybeacon 8	DBN DEST	11425	N/A	18/03
58785	*Bayshore Garden Daybeacon 9	DBN DEST	11425	N/A	18/03
58790	*Bayshore Garden Daybeacon 10	DBN DEST	11425	N/A	18/03
58795	*Bayshore Garden Daybeacon 11	DBN DEST	11425	N/A	18/03
58800	*Bayshore Garden Daybeacon 12	DBN DEST	11425	N/A	18/03
58805	*Bayshore Garden Daybeacon 13	DBN DEST	11425	N/A	18/03
58955	*Buttonwood Harbor Channel Daybeacon 26	DBN IMCH	11425	N/A	18/03
59145	*Longboat Harbor North Marina Daybeacon 6	DBN DEST	11425	N/A	18/03
59265	*Buccaneer Inn Daybeacon 14	DBN DMGD	11425	N/A	22/02
59370	*Coral Shores Channel Daybeacon 2	DBN DMGD	11425	N/A	29/02

59405	*Coral Shores Channel Daybeacon 9	DBN DEST	11425	N/A	18/03
59600	*Bradenton Beach Marina Chan Daybeacon 6	DBN IMCH	11425	N/A	21/03
59630	*Catalina Channel Daybeacon 5	DBN DEST	11425	N/A	18/03
59660	*Palma Sola Bay Channel Daybeacon 7	DBN IMCH	11425	N/A	18/03
59675	*Perico Bayou Channel Daybeacon 3	DBN DMGD	11425	N/A	22/02
59705	*Perico Bayou Channel Daybeacon 7	DBN DMGD	11425	N/A	22/02
59715	*Perico Bayou Channel Daybeacon 8A	MISSING	11425	N/A	22/02
59760	*San Remo Shore Channel Daybeacon 2	DBN DEST	11425	N/A	18/03
59905	*Palma Sola Park Channel Daybeacon 4	DBN IMCH	11425	N/A	18/03
59935	*Bradenton Beach City Channel Daybeacon 1	DBN DEST	11425	N/A	21/03
59940	*Bradenton Beach City Channel Daybeacon 2	MISSING	11425	N/A	22/02
59945	*Bradenton Beach City Channel Daybeacon 3	DBN DEST	11425	N/A	21/03
59950	*Bradenton Beach City Channel Daybeacon 4	DBN IMCH	11425	N/A	21/03
59955	*Bradenton Beach City Channel Daybeacon 5	MISSING	11425	N/A	22/02
59975	*Bradenton Beach City Channel Daybeacon 6	DBN IMCH	11425	N/A	21/03
59985	*Bradenton Beach City Channel Daybeacon 8	DBN DEST	11425	N/A	21/03
59990	*Bradenton Beach City Channel Daybeacon 10	DBN DMGD	11425	N/A	22/02
60055	*Kingfish Boat Ramp Daybeacon 12	DBN IMCH	11425	N/A	21/03
60095	*Perico Harbor Marina Daybeacon 8	DBN DEST	11425	N/A	04/03
60635	*Bayway Isles Channel Daybeacon 3	DBN IMCH	11411	N/A	49/02
60940	*Lighthouse Harbor Daybeacon 4A	MISSING	11411	N/A	14/00
61815	*Seminole Launch Channel Daybeacon 4	DBN IMCH	11411	846-03 STP	26/03
61905	*Caladesi Island Channel Daybeacon 1	DBN DMGD	11411	N/A	39/02
62200	*Tarpon Cove Daybeacon 9	DBN IMCH	11411	051-03 STP	02/03

**PRIVATE AID DISCREPANCIES CORRECTED:**

<u>LLNR</u>	<u>AID NAME</u>	<u>DISCREPANCY</u>	<u>CHART</u>	<u>BNM</u>	<u>LN</u>
956	*French Reef Buoy A	WATCHING PROPERLY	11462	N/A	23/03
963.2	*Conch Reef Buoy B	WATCHING PROPERLY	11442	N/A	23/03
963.3	*Conch Reef Buoy C	WATCHING PROPERLY	11442	N/A	23/03
963.4	*Conch Reef Buoy D	WATCHING PROPERLY	11442	N/A	23/03
963.5	*Conch Reef Buoy E	WATCHING PROPERLY	11442	N/A	23/03
963.6	*Conch Reef Buoy F	WATCHING PROPERLY	11442	N/A	23/03
2815	*U South Navy Pier P Light (1)	WATCHING PROPERLY	11524	N/A	11/99
12965	*Plant Channel Buoy 4	WATCHING PROPERLY	11451	N/A	22/03
20175	*South Gulf Cove Entrance Daybeacon 5	WATCHING PROPERLY	11426	N/A	15/03
20255	*Alligator Creek Daybeacon 9	WATCHING PROPERLY	11426	611-03 STP	17/03
59360	*Mt Vernon & Coral Shores Daybeacon 2S	WATCHING PROPERLY	11425	N/A	18/03

**III. TEMPORARY CHANGES-AIDS ESTABLISHED**

<u>LLNR</u>	<u>AID NAME</u>	<u>DISCREPANCY</u>	<u>CHART</u>	<u>BNM</u>	<u>LN</u>
515	St Simons Lighted Whistle Buoy STS	RELOCATED FOR DREDGING	11502	139-03 MAY	12/03
2905	Cooper River Buoy 56A	RELOCATED FOR DREDGING	11524	290-02 CHA	47/02
2910	Cooper River Buoy 56B	RELOCATED FOR DREDGING	11524	025-03 CHA	04/03
2945	Cooper River Lighted Buoy 63	RELOCATED FOR DREDGING	11524	126-03 CHA	21/03
3080	Cooper River Lighted Buoy 80	RELOCATED FOR DREDGING	11527	N/A	09/03
3595	Ashley River Buoy 4	N/A	11524	N/A	17/03
4600	Bloody Point Range Lighted Buoy 10	RELOCATED FOR DREDGING	11512	N/A	51/02
4640	Jones Island Range Lighted Bell Buoy 17	RELOCATED FOR DREDGING	11512	N/A	51/02
4908.2	Elba Island Turning Basin Light B	DISCONTINUED	11512	076-03 CHA	13/03
4908.4	Elba Island Turning Basin Light D	DISCONTINUED	11512	N/A	13/03
6030	St Simons Lighted Whistle Buoy STS	RELOCATED FOR DREDGING	11502	139-03 MAY	12/03
6035	St Simons Sound Entrance Lighted Buoy 1	RELOCATED FOR DREDGING	11506	517-02 MAY	39/02
6045	St Simons Sound Ent Lighted Bell Buoy 3	RELOCATED FOR DREDGING	11506	518-02 MAY	39/02
6065	St Simons Sound Ent Lighted Bell Buoy 7	RELOCATED FOR DREDGING	11506	520-02 MAY	39/02
6075	St Simons Sound Entrance Lighted Buoy 9	RELOCATED FOR DREDGING	11506	521-02 MAY	39/02
6080	St Simons Sound Entrance Lighted Buoy 10	RELOCATED FOR DREDGING	11502	138-03 MAY	12/03
6085	St Simons Sound Ent Lighted Bell Buoy 11	RELOCATED FOR DREDGING	11506	089-03 MAY	06/03
6095	St Simons Sound Entrance Lighted Buoy 13	RELOCATED FOR DREDGING	11506	523-02 MAY	39/02
6105	St Simons Sound Ent Lighted Bell Buoy 15	RELOCATED FOR DREDGING	11506	525-02 MAY	39/02
6560	St Marys Entrance Lighted Buoy 7	RELOCATED FOR DREDGING	11503	068-03 MAY	05/03
6570	St Marys Entrance Lighted Buoy 10	RELOCATED FOR DREDGING	11503	069-03 MAY	05/03
6580	St Marys Entrance Lighted Buoy 12	RELOCATED FOR DREDGING	11503	070-03 MAY	05/03
6590	St Marys Entrance Lighted Buoy 14	RELOCATED FOR DREDGING	11503	071-03 MAY	05/03
6755	Cumberland Sound Lighted Buoy 28	RELOCATED FOR DREDGING	11503	076-03 MAY	06/03
7250	Sherman Cut Lighted Buoy 18	RELOCATED FOR DREDGING	11491	017-03 MAY	02/03

7255	Sherman Cut Lighted Buoy 20	RELOCATED FOR DREDGING	11491	018-03 MAY	02/03
7270	Mile Point Lighted Buoy 22	RELOCATED FOR DREDGING	11491	019-03 MAY	02/03
7340	Fulton Cutoff Lighted Buoy 34	RELOCATED FOR DREDGING	11491	529-02 MAY	40/02
7490	Dunn Creek Cut Lighted Buoy 55	RELOCATED FOR DREDGING	11491	600-02 MAY	47/02
10290	Hillsboro Inlet Entrance Light 1	TRLB	11467	630-02 MIA	12/03
10300	Hillsboro Inlet Daybeacon 3	TRUB	11469	637-02 MIA	52/02
12705	Whale Harbor Channel Daybeacon 4	TRUB	11451	036-03 KEY	12/03
17460	Gordon Pass Channel Daybeacon 3	DISCONTINUED FOR DREDGING	11429	523-03 STP	15/03
17470	Gordon Pass Channel Daybeacon 5	DISCONTINUED FOR DREDGING	11429	510-03 STP	14/03
21610	New Pass Channel Buoy 5A	DISCONTINUED FOR DREDGING	11425	354-03 STP	10/03
23190	Hillsborough Cut C Channel S Range Rear Lt	TRLT	11416	974-02 STP	32/02
31680	Punta Melones Light	DISCONTINUED	25655	211-00-GAN	25/00
37880	Cumberland Sound Lighted Buoy 28	RELOCATED FOR DREDGING	11503	076-03 MAY	06/03

#### TEMPORARY CHANGES CORRECTED:

LLNR	AID NAME	DISCREPANCY	CHART	BNM	LNM
27945	*Bayport Channel Approach Light BP	WATCHING PROPERLY	11409	N/A	24/03

#### IV. CHART CORRECTIONS

(Explanation of Format)

Corrective action, affecting charts, is contained in this section. Chart corrections are listed numerically by chart number, beginning with the lowest and progressing through all charts affected. The correction listed pertains to that chart only. It is up to the mariner to decide which charts are to be corrected. The following example explains the individual elements of a typical correction.

Chart number	Chart edition	Edition date	Last Local Notice to Mariners	Reference datum	Source of correction	Current Notice to Mariners
11534	26th ed.	12/14/91	Last LNM 41/92	NAD 83	(CDG07)	45/00
			Myrtle Grove Sound to Fear River to Casino Creek			
	Add		*Boguse Channel Light 1, Fl G 2.5s, 16 ft, 7M		32-48-00.000N	079-15-00.000W
			(Temp) indicates Temporary Correction			
	Corrective action		Object of corrective action	Position		

The letter (M) immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. (TEMP) indicates that the chart correction action is temporary in nature. Courses and bearings are given in degrees clockwise from 000 true. Bearings of light sectors are toward the light from seaward. The nominal range of lights is expressed in nautical miles (m). (\*) Asterisk is used to identify Private Aids

11426	36th Ed.	Jun 2003	LAST LNM: 17/03	NAD 83	(NOS Silver Spring, MD)	26/03
			FL-ESTERO BAY TO LEMON BAY INCLUDING CHARLOTTE HARBOR		1: 80,000/LORAN-C	
			INSET: Continuation of Peace River			1:40,000
			NEW EDITION 11BCO11426			
			(New edition due to numerous Notice to Mariner changes )			
			This NOAA chart is now available in both the Print-on Demand and digital raster formats.			
			See <a href="http://chartmaker.ncd.noaa.gov/mcd/dole.htm">http://chartmaker.ncd.noaa.gov/mcd/dole.htm</a> for details.			
			The corresponding traditional paper chart will be available in two to four weeks.			
11460	38th Ed	Jun 2002	LAST LNM: 20/03	NAD 83	(NOS NW-6735)	26/03
			FL-CAPE CANAVERAL TO KEY WEST			
	ADD	6 1/4 fm sounding		at	28-20-56.400N	080-24-23.800W
	DELETE	7 1/4 fm sounding		at	28-20-53.800N	080-25-30.100W
				at	28-21-16.900N	080-24-13.900W
11476	19th Ed	May 12 2001	LAST LNM: 17/03	NAD 83	(NOS NW-6735)	26/03
			FL-CAPE CANAVERAL TO BETHEL SHOAL			
	ADD	37 ft sounding		at	28-21-03.000N	080-25-10.000W
	ADD	37 ft sounding		at	28-20-56.400N	080-24-23.760W
	DELETE	44 ft sounding		at	28-21-05.300N	080-25-17.400W
11481	4th Ed	Aug 2002	LAST LNM: 24/03	NAD 83	(NOS NW-6735)	26/03
			FL-APPROACHES TO PORT CANAVERAL			

	ADD	37 ft sounding		at	28-21-03.000N	080-25-10.000W
	ADD	37 ft sounding		at	28-20-56.400N	080-24-23.760W
11484	21st Ed	May 12 2001	LAST LNM: 17/03	NAD 83	(NOS NW-6735)	26/03
	FL-PONCE DE LEON INLET TO CAPE CANAVERAL					
	ADD	37 ft sounding		at	28-21-03.000N	080-25-10.000W
	DELETE	44 ft sounding		at	28-21-05.300N	080-25-17.400W
11506	40th Ed	Jan 2003	LAST LNM: 21/03	NAD 83	(NOS NW-6711)	26/03
	GA-ST SIMONS SOUND BRUNSWICK HARBOR AND TURTLE RIVER					
	ADD	<a href="#">Tabulation</a> - Brunswick Harbor		centered at	31-13-31.000N	081-32-20.000W
11521	26th Ed	Feb 2 2002	LAST LNM: 19/03	NAD 83	(NOS NW-6684)	26/03
	SC-CHARLESTON HARBOR AND APPROACHES					
	ADD	<a href="#">Tabulation</a> - CHARLESTON HARBOR ENTRANCE		centered at	32-45-35.000N	080-17-53.000W
11523	21st Ed	Feb 2 2002	LAST LNM: 19/03	NAD 83	(NOS NW-6684)	26/03
	SC-CHARLESTON HARBOR ENTRANCE					
	ADD	<a href="#">Tabulation</a> -CHARLESTON HARBOR ENTRANCE		centered at	32-47-06.000N	079-52-11.000W
11524	46th Ed	Dec 2002	LAST LNM: 21/03	NAD 83	(NOS NW-6684)	26/03
	SC-CHARLESTON HARBOR					
	ADD	<a href="#">Tabulation</a> - CHARLESTON HARBOR, COOPER RIVER AND SHIPYARD RIVER		centered at	32-48-30.000N	079-51-30.000W
25683	18th ed.	6/01/2003	LAST LNM: 25/03	NAD 83	CGD07	26/03
	PR-BAHIA DE PONCE AND APPROACHES					
	RELOCATE	Bahia de Ponce LB 2, FI R 4s 4M Red		from	17-55-53.074N	066-37-49-153W
		(Supersedes LNM 25/03)		to	17-55-52.759N	066-37-54-861W

## V. ADVANCE NOTICES.

None.

## VI. PROPOSED CHANGES

WEST INDIES - ISLA DE VIEQUES - VIRGIN PASSAGE AND SONDE DE VIEQUES: Change to Aids to Navigation.

PUNTA ESTE LIGHT (LLNR 31705) is proposed to be discontinued.

All comments should be addressed to Commander (oan), Seventh Coast Guard District, 909 S.E. 1st Ave (Suite 406) Brickell Plaza Federal Bldg, Miami, FL 33131 to be received by 22 August 2003.

Ref: LNM 25/03

Chart: 25650

## VII. GENERAL

### A. BRIDGE CONSTRUCTION/REPAIR

Location	Type of Work	EST Comp Date	Bridge	Ref LNM
SC-ICW-N Myrtle Bch	Bridge Construction	DEC 03	Barefoot Landing Resort	28-99
SC-ICW-Myrtle Bch	Bridge Construction	JUL 04	Grande Dunes Bridge	02-01/07-01
SC-ICW-Stono River	Bridge Construction	JAN 04	John F. Limehouse Bridge	31-02/50-02
SC-Charleston Hbr-Cooper Riv	Bridge Construction	NOV 07	Grace Memorial Bridge	48-02
SC-Charleston Hbr-Cooper Riv-Town Cr	Bridge Construction	NOV 07	Silas N. Pearman Bridge	48-02
SC-Charleston Hbr-Ashley Riv	Bridge Construction	AUG 04	Hwy 17 Bridge	45-01
GA-Brunswick Hbr	Bridge Construction	NOV 03	Sidney Lanier Bridge	28-99
FL-St. Johns Riv	Bridge Construction	AUG 04	Fuller Warren Bridge	27-02/50-02
FL-ICW-St. Johns Riv	Bridge Construction	OCT 06	Wonderwood Dr/Girvin Rd	01-03
FL-ICW-Melbourne	Bridge Repairs	JUL 03	SR 500 (US 192) Bridge	14-03/22-03
FL-ICW-W Palm Bch	Bridge Construction	DEC 03	SR 704/Okeechobee Blvd	
			(Royal Park Bridge)	14-99/18-00
FL-ICW-Hollywood	Bridge Repairs	SEP 03	Sheridan Street Bridge	11-03/16-03



FL-ICW-Miami River	Bridge Construction	JUL 04	2 <sup>nd</sup> Ave Bridge	49-01/03-02
FL-ICW-Miami River	Fender Repair	FEB 04	I-95 Bridge	08-03/14-03
FL-OWW-St. Lucie Canal	Bridge Construction	MAR 04	Thomas B. Manuel/ Florida Turnpike	04-03
FL-ICW-Clearwater Hbr	Bridge Construction	JUL 04	Clearwater Memorial	08-02

## B. DRAWBRIDGE STATUS SUMMARY

The following is a list of known drawbridge discrepancies, restrictions, and closures in navigable waters of the Seventh Coast Guard District. Additional information regarding bridges can be found in Volume 4 (Cape Henry to Key West) or volume 5 (Gulf of Mexico, Puerto Rico and Virgin Islands) of the U.S. Coast Pilot, 33 CFR 117, or by calling (305) 415-6743. Unless otherwise noted in the date column, the described status will be in effect until further notice. Mariners knowing of bridge activities not listed below are urged to notify the nearest Coast Guard unit.

BRIDGE	LOCATION	DATE	STATUS	REF
George Bush (N.E. 8 <sup>th</sup> St)	AICW, Delray Beach, FL	Until Aug 16, 03	Single-leaf Ops	21-03
Sheridan Street	AICW, Hollywood, FL	Until Sep 25, 03	Single-leaf Ops, Double-leaf w/2 hr notice	11-03
Sheridan Street	AICW, Hollywood, FL	See dates below	Single-leaf only	11-03/16-03

## C. BRIDGE INFORMATION.

### FLORIDA – CANAVERAL HARBOR – BANANA RIVER: Special Bridge Notice.

The Coast Guard has issued a public notice regarding the permit application from the Brevard County Public Works Department for approval of location and plans to modify the existing deteriorated swing span of the Mathers (County Road 3) highway bridge across the Banana River, mile 0.5 at Merritt Island, Brevard County, Florida. This notice that solicits public comments through July 23, 2003, has been mailed to Local Notice to Mariners subscribers with zip codes 32901 through 32954. Copies are available by writing to the address on the cover of this notice or by calling Miss Evelyn Smart at (305) 415-6753. Ask for a copy of Public Notice 7-03.

Ref: LNM 25-03

CG File: 2512

Chart: 11476

### FLORIDA – CANAVERAL BARGE CANAL – CHRISTA MCAULIFFE: Proposed Drawbridge Regulation Change.

The Coast Guard proposes to change the operating regulations of the Christa McAuliffe bridge, SR 3, across the Canaveral Barge Canal at Cape Canaveral, Florida. Under the proposed rule, the bridge need open only twice an hour from 6 a.m. to 10 p.m. for vessel traffic, except during the morning and evening rush hours when the bridge may remain closed to facilitate vehicular traffic. The proposed rule would also require the bridge to open with 3 hours notice from 10:01 p.m. to 5:59 a.m. This change would improve the flow of vehicular traffic without significantly impacting the needs of navigation. Comments and related material must reach the Coast Guard on or before July 21, 2003. You may mail comments and related material to Commander (obr), Seventh Coast Guard District, 909 S.E. 1st Ave., Room 432, Miami, FL 33131. Comments and material received from the public, as well as documents indicated in the preamble as being available in the docket, are part of [CGD07-02-160] and are available for inspection or copying at Commander (obr), Seventh Coast Guard District, 909 S.E. 1st Avenue, Room 432, Miami, FL 33131 between 8 a.m. and 4:30 p.m., Monday through Friday, except Federal holidays.

Ref: LNM 21 and 23-03 and Federal Register Docket CGD07-02-160

CG File: 2941

Chart: 11478

### SOUTH CAROLINA – AICW – LITTLE RIVER TO BEAUFORT RIVER: Bridge Repairs.

Repairs to the Little River (SC 9/SR 20) Swing Bridge, Intracoastal Waterway mile 347.3, Little River, South Carolina will continue until July 30, 2004.

Ref: LNM 25-03

Chart: 11534

### FLORIDA – AICW – PALM SHORES TO WEST PALM BEACH – EAU GALLIE – ST. LUCIE INLET – INDIAN RIVER (SOUTH SECTION) – FORT PIERCE NORTH BRIDGE: Bridge Repairs.

The Coast Guard is temporarily changing the regulations governing the operation of the North Bridge, mile 964.8, Fort Pierce, Florida until January 9, 2004. The North Bridge shall open a single-leaf only on the hour, 20 minutes after the hour, and 40 minutes after the hour. A double-leaf opening will be available if two hours advance notice is provided to the bridge tender. Only a single-leaf will be available from 7:00 a.m. on July 14, 2003, to 6:00 p.m. on August 17, 2003.

Ref: LNM 25-03

Chart: 11472

### FLORIDA – AICW – WEST PALM BEACH TO MIAMI – SHERIDAN STREET: Bridge Repairs.

The Coast Guard is temporarily changing the regulations governing the operation of the Sheridan Street Bridge, mile 1070.5, Hollywood, Broward County, Florida until September 25, 2003. The Sheridan Street Bridge shall open a single-leaf only on the hour, 20 minutes after the hour and 40 minutes after the hour. A double leaf opening will be available if two hours advance notice is provided to the bridge tender. Only a single leaf will be available from 12:01 a.m. on May 7 to 6:00 p.m. on May 9, 2003, and from 12:01 a.m. on May 14 to 6:00 p.m. on May 16, 2003, and from 12:01 a.m. on June 5 until 6:00 p.m. on July 3, 2003.

FLORIDA – GICW – CHARLOTTE HARBOR TO MIDNIGHT PASS LAGOON -: ROBERTS BAY – DONA BAY AND SHAKETT CREEK: Special Bridge Notice.

The Coast Guard has issued a public notice regarding the permit application from the Florida Department of Transportation, District one for approval of location and plans to replace 4 low-level bridges on State Road 45 (US 41) across Dona Bay and Shakett Creek, mile 0.7, Sarasota County, Florida. This notice that solicits public comments through July 21 2003, has been mailed to Local Notice to Mariners subscribers with zip codes 34272 through 34293. Copies are available by writing to the address on the cover of this notice or by calling Miss Evelyn Smart at (305) 415-6753. Ask for a copy of Public Notice 6-03.

D. DREDGING AND MARINE CONSTRUCTION OPERATIONS

Location	Type of Work	EST Comp Date	Dredge	Ref LNM
Bahamas	Cable Laying Ops	UNK	C/S NEXUS	49-00
Bahamas	Above Water Cable Ops	UNK	UNKNOWN	10-03
SC-ICW-Isle of Palms	Dredging Ops	SEP03	Dredge CAPT LEO	21-03
SC-ICW-Casino Creek To Beaufort River	Construction Ops	FEB04	Tug SALLY D	31-02
SC-Charleston Harbor-Cooper River	Marine Construction Ops	UNK	Tug LAURA	38-02
SC-Cooper River	Drilling Ops	UNK	Spud Barges	04-02
GA-Brunswick Harbor	Dredging Ops	AUG03	Dredge EAGLE I	02-03
FL St Johns River	Dredging Ops	SEP03	CALIFORNIA & TEXAS	11-03
FL-St Johns River to Jacksonville	Dredging Ops	SEP03	Dredges SUGAR & DODGE ISLAND	18-02
FL-St Johns River-Jacksonville	Construction Dredging	SEP03	Dredge PADRE ISLAND	29-02
FL-Jacksonville-Dames Point-Fulton Cutoff	Dredging Ops	UNK	UNKNOWN	20-03
FL Daytona Beach-Halifax River	Dredging Ops	UNK	UNKNOWN	13-03
FL Cape Canaveral	Dredging Ops	AUG03	Dredge ATLANTIC	20-03
FL- Hillsboro Inlet	Dredging Ops	UNK	UNKNOWN	48-02
FL-ICW-Palm Bay	Dredging Ops	UNK	Dredge CHRISTIE JOE	51-00
FL-ICW-Bal Harbour-Haulover Inlet	Dredging Ops	AUG03	UNKNOWN	22-03
FL-Jupiter Inlet-Loxahatchee River	Dredging Ops	AUG03	UNKNOWN	22-03
FL-Hollywood Beach-Dania Beach	Marine Construction Ops	SEP03	Tug JOHN CHAPELLE & HERCULES	22-03
FL-Miami Main Channel-Biscayne Bay	Marine Construction Ops	SEP03	UNKNOWN	26-03
FL-Florida Keys-Plantation Isles	Dredging Ops	OCT03	Tug CONTENDER	09-03
FL-Tampa Bay	Dredging Ops	UNK	M/V CASTRO 10	16/02

E. SHOALING AND HAZARDOUS SITUATIONS

Location	Waterway	Significant Information	Chart	Ref LNM
SC	Seacoast	Charleston Harbor Ocean Dredged Material Disposal Site (ODMDS) higher than charted depths, minimum depth may be 18 feet.	11521	09-01
SC	Winyah Bay	Shoaling has been reported in position 33-13-00N 079-11-50W in the vicinity of Georgetown Lighthouse (LLNR 20) and the depth of the water was reported at 27 feet.	11535	50-01
SC	Charleston Hbr	SHEM CREEK RANGE FRONT LIGHT (LLNR 3560) is not properly marking the center of the channel and has been changed to a quick flashing green light (QG) and is displaying square green (SG) dayboards.	11524	44-02
SC	Cooper River	Concrete and rock reported at the 40 foot depth on both sides of the navigation channel adjacent to the manmade islands directly under the I-526 Bridge.	11524	49-02
SC	Cooper River	A conveyor extends approx 20 ft into Town Creek beneath Cooper River bridges.	11524	13-02
SC	Stono Inlet	Shoaling to 7 feet at MLLW between Stono Inl Chan B 3 (LLNR 3710), and - B 4 (LLNR 3715).	11522	31-0
SC	Folly River	Obstruction (steel H beam) reported 50-70 yds outside marked channel and southeast of FOLLY RIVER LB 2 (LLNR 3735) at low tide	11522	06-02
SC	Folly River	Shoaling to 5 ft at MLW reported in the Folly River from Folly River LB 2 (LLNR 3735) to Folly River LB 7 (LLNR 3740) and to 5 ft at MLW from Folly River Buoy 18 (LLNR 3755) to Folly River Buoy 19 (LLNR 3760) within the confines of the marked channel.	11522	10-03
SC	Beaufort River	A 10"x10"x10" beam with pilings reported snagged on a private dock between Stono River DBN 57A (LLNR 34800) on the Stono River.	11518	18-02
SC	Beaufort River	Continued shoaling to depths of 6.5 feet in the vicinity from WHITE POINT LT 110 (LLNR 34945) through Dawho River Buoy113 (LLNR 34960)	11518	30-01
SC	Cooper River	Submerged Obstruction reported in the vicinity of the Cooper River Bridge in approximate position 32-48-12.600N 079-55-03.400W	11524	10-01
SC	Cooper River	Shoaling to depths of 8 feet above charted datum reported in the vicinity of Cooper River Range "D" at the Naval Weapons Station.	11524	19-01
SC-ICW	Little River	Little River Swing Bridge is missing a section of the dolphin fendering system.	11534	40-02

GA	Doboy Sound	Shoal 500 yards WNW of DOBOY SOUND LT 8 (LLNR 5945).	11510	35-00
GA	Savannah River	Submerged obstruction reported in Savannah River approach, Tybee Roads, at 31-58-14.736N 080-42-06.171W with a measured depth of 37 feet.	11505	46-02
GA	Savannah River	Submerged obstruction reported in Savannah River approach, Tybee Roads, at 31-57-01.687N 080-40-57.818W with a measured depth of 38 feet.	11505	45-02
GA	Mackay River	Piling marked by white strobe light is protruding one foot above waterline in center of channel	11510	17-02
GA	Altamaha Sound	Shoal between ALTAMAHA SOUND LT 2 (LLNR 5950) & LT 5 (LLNR 5965)	11508	06-00
GA	Jekyll Creek	Shoaling to a depth of 7 feet at the centerline has been reported throughout Jekyll Creek	11489	31-01
FL East Coast	Amelia River	Extensive shoaling reported in the vicinity of South Amelia Riv DBN 34 (LLNR 38100)	11489	34-01
FL East Coast	Amelia Island	An unlit pier extends into the South Amelia River at LIGHT 29 (LLNR 38080) in approx position 30-35-09N 081-27-18W	11489	04-03
FL East Coast	Ortega River	Submerged pilings on west bank of upper Ortega River extending out approx 150 ft.	11492	17-02
FL East Coast	St. Augustine	5 foot in diameter unlighted buoy anchored in 27-38-20N 080-13-15W.	11474	04-01
FL East Coast	Fernandina Harbor	St Lucie River (North Fork) DBN 2 (LLNR 50845), previously reported as destroyed, has been marked with a temporary red lighted buoy "2WR" with a Q W flash characteristic in position 27-12-08.940N, 080-15-45.585W, in 10 feet of water. A single concrete pile remains on scene, approximately 3 feet below the surface at low tide.	11428	06-03
FL East Coast	Lake George	Obstructions reported 100 yards west and 100 yds NW of Lake George South End Range Front Light (LLNR 8775).	11495	05-03
FL East Coast	Halifax River	Shoaling to an unknown depth has been reported in the vicinity of Halifax River Daybeacon 68 (LLNR 40470) and Halifax River Daybeacon 70 (LLNR 40480).	11485	19-01
FL East Coast	Halifax River	The shoaling is reported to extend 40 yards from the west bank of the channel.1 Shoaling to a depth of 3 feet in the vicinity of Halifax River DBN 30 (LLNR 40000) Increasing to a depth of 8 feet, 20 yards to the east of the DBN	11485	28-01
FL East Coast	Matanzas Coast	66 F/V sunk in position 29-03-09N 080-52-06W.	11484	43-00
FL East Coast	Matanzas River	Shoaling constant near Matanzas River B 2 (LLNR 39040), and Tolomato River B 60 (LLNR 38910). Dredging operations continuous.	11485	31-00
FL East Coast	Matanzas River	Shoaling has been reported in the vicinity Matanzas River DBN 3 (LLNR 18090) Reported depths are 9.3 feet approx 300 feet WNW of DBN.	11427	29-01
FL East Coast	Matanzas River	Shoaling has been reported in the vicinity Matanzas River DBN 4A (LLNR 18100) And DBN 4B (LLNR 18105), approx 20 yds into channel	11427	42-01
FL East Coast	Matanzas River	Shoaling has been reported in the vicinity Matanzas River Buoy 81A (LLNR 39535) in approximate position 29-43-05N 081-14-45W. Shoaling to depths of 3 to 4 feet have been reported in the marked channel.	11485	07-01
FL East Coast	Sebastian Inlet	A 207ft coastal freighter sank in approx position 26-0610N 080-01-15W.	11451	24-03
FL East Coast	St Lucie Inlet	Shoaling found in St. Lucie Inlet between Daybeacon 14 (LLNR 10160) and 16 (LLNR 10165) has been marked with a red temporary buoy 14A in position 27-09-54N 080-10-17.955W	11428	05-03
FL East Coast	St Lucie Inlet	A shoal extends across the entrance to the St Lucie River between Lighted Buoy 2 (LLNR 50635) and 3 (LLNR 50640)	11428	15-03
FL East Coast	Stuart	has been marked with a red temporary buoy 14A in position 27-09-54N 080-10-17.955W A tug and barge have sunk on east side of north/south jetty of St. Lucie Inlet. in approximate location 27-10-06N 080-08-58W.	11472	50-02
FL East Coast	Miami	<u>LUMMUS ISLAND TURNING BASIN LIGHT B</u> (LLNR 10680) has been cut by divers and marked with a temporary yellow buoy with a quick flash characteristic (Q W) in position 25-45-52.835N 080-10-05.049W. The old structure may still remain and pose a hazard.	11467	50-02
FL East Coast	Boca Raton Inlet	Report of 5 ft steel mooring buoy anchored approx 220 yds southeast of Boca Inlet.	11467	17-02
FL East Coast	Malloy Channel	Report of 80-100 ft black pipe obstructing channel 100 yds north of Miami Yacht Club	11467	21-02
FL East Coast	Miami River	Shoaling to an unknown depth has been reported NW of the 5th Street Bridge.	11467	11-01
FL East Coast	Biscayne Bay	Shoaling reported between Biscayne Bay Daybeacon 6A (LLNR 47820) and Biscayne Bay Daybeacon 9 (LLNR 47835).	11467	51-01
FL East Coast	West Palm Beach	Indian River South Section DBN 65A (LLNR 43675) has been destroyed and is a hazard to navigation.	11467	26-03
FL-Gulf Coast		M/V NEPTUNA MEDITERRANEO reported no operational navigation lights and is anchored in position 27-40-00N 083-04-00W.	11434	44-02
FL West Coast	Lake Okeechobee	A palm tree was reported obstructing the channel 200 yards south of Lake Okeechobee (Rt2) DBN (LLNR 51550).	11428	45-02
FL West Coast	South Seas Plantation	Shoaling between South Seas Plantation Daybeacon 5 (LLNR 55730) and South Seas Plantation Daybeacon 21 (LLNR 55880).	11427	12-01
FL West Coast	Fort Myers	A partially submerged piling only visible at low tide approximately 5 ft away from Cape Coral Rim Chl Dbn 65 (LLNR 53190) located in 26-33-49.773N 081-55-59.117W.	11427	50-02
FL West Coast	Matanzas Pass	Shoaling at Matanzas Pass DBN 3 (LLNR 18090) extending to - LIGHT 7 (LLNR 18120)	11427	03-03
FL West Coast	New Pass	Shoaling continues New Pass Channel from the entrance to -LIGHT 7 (LLNR 21620).	11425	31-00
FL West Coast	Venice Inlet	Shoaling reported to 8 feet between VENICE INL-SIESTA KEY LT 3 (LLNR 57840), and - LT 5 (LLNR 57860).	11425	31-00
FL West Coast	Cortez Bay	Shoaling reported encroaching into the channel in the vicinity of Siesta Key-Tampa Bay B 39 (LLNR 59345).	11425	03-03
FL West Coast	Tampa Bay	Shoaling reported in position 27-27.55.800N 082-41-30.137W, 145 yds from Siesta Key-Tampa Bay DBN 49 (LLNR 59570).	11425	44-01
FL West Coast	Tampa Bay	Shoaling reported in position 26-48.677N 082-15.825W between Gasparilla Snd DBN 1 (LLNR 21420) and Gasparilla Snd DBN 3 (LLNR 21425).	11425	41-02

FL West Coast	Tampa Bay	Shoaling in vicinity of Sunshine Skyway Channel between DBN 2 (LLNR 60320), and Sunshine Skyway Channel DBN 3 (LLNR 60325). Also in vicinity of Sunshine Skyway Channel near DBN 2 (LLNR 60320). At low tide, best-marked water depth is only 4.5 ft.	11416	05-02
FL West Coast	Boca Ciega Bay	No Wake sign reported destroyed 100 yards south of Pinellas Bayway Structure "C" Bridge located below the waterline in approximate position 27-42.5N, 82-43.3W.	11411	03-03
FL West Coast	Pass-A-Grille	Partially submerged piling reported 50 yds off east side of Mud Key in north Pass-A-Grille.	11411	24-03
FL West Coast	Tampa Bay	A submerged 15 foot plastic piling reported approximately 80 yards bearing 225 degrees from Tampa Bay Cut F Channel Lighted Buoy 10F (LLNR 22845).	11416	30-02
FL Okeechobee	Route 1	Obstruction/Shoaling in vicinity DBN 4 (LLNR 51200)	11428	46-00
SC AICW	Winyah Bay	Shoaling near (STM 363), 1.0 miles N (Town Creek) in McClellanville, SC.	11534	31-00
SC AICW	Elliott Cut	Shoaling between Stono Riv DBN 19 (LLNR 3845) at the intersection of Elliott Cut.	11522	31-00
SC AICW	Dawho River	Continued shoaling to less than 6.5 feet in the Dawho River, near (STM 497).		
		Encroaching 9 foot Shoal extends 20 yards into the channel from LT 110 through B 113.	11518	17-01
SC AICW	Little River	Shoaling near (STM 363), 1.0 miles N of Little Riv-Winyah Bay DBN 24B (LLNR 33725.5).	11518	31-00
SC AICW	Ashepoo River	Heavy shoaling near (STM 511) FENWICK CUT LT 162 (LLNR 35140).	11518	31-00
SC AICW	Ashepoo River	Shoaling between Ashepoo/Coosaw Cutoff Temporary Buoys 184A & - B 185		
		And starting in the channel near Ashepoo/Coosaw Cutoff Light 184	11518	18-01
SC AICW	Winyah Bay	Shoaling near Winyah Bay-Charleston Harbor DBN 118 (LLNR 34515), and DBN 119 (LLNR 34520) (STM 511), to 8.5 feet.	11518	31-00
SC	AICW	Shoaling to a depth of 8 feet has been reported in the vicinity of Winyah Bay-Charleston Harbor Daybeacon 37 (LLNR 34240).	11518	02-01
SC	AICW	Shoaling has been reported in the vicinity of Little Riv-Winyah Bay DBN 22A (LLNR 33710.5), the following temporary Buoys have been established to mark the shoal; Little Riv-Winyah Bay B 24A (LLNR None)		
		Little Riv-Winyah Bay B 24B (LLNR None) and Little Riv-Winyah Bay DBN 25 (LLNR 33735) in approximate position 33-44.1N 078-52.9W.	11534	02-01
FL ICW	Cumberland Snd	A temporary floating platform marked with a FL Y 4s light has been established in position 30-45-33.100N 081-29-48.000W, approx 10 yds northwest of CUMBERLAND SOUND LT 52 (LLNR 6995)	11503	01-03
FL AICW	Tolomato River	USACE survey has reported shoaling from PABLO CREEK LT 46 (LLNR 38610) to TOLOMATO RIVER LT 3 (LLNR 38625).	11489	31-01
FL AICW	Ponce de Leon	Shoaling between Ponce de Leon Cut DBN 2 (LLNR 40500) and DBN 3 (LLNR 40505).	11485	31-00
FL AICW	Boynton Inlet	Heavy shoaling near Lake Worth DBN 46 (LLNR 47015).	11467	31-00
FL GICW	Venice Inlet	Shoaling 600 yards North and 200 yards South of the Albee Bridge.	11425	31-00
PR-Vieques Snd	Culebra	A submerged offshore mariculture site has been established 2 miles southeast of Culebra Island and is outlined by coordinates 18-16.67N 065-20W, 18-16.4N 065-19.72W	26560	32-02

#### F. MISCELLANEOUS INFORMATION

##### VA- (AIWW)-ALBEMARLE AND CHESAPEAKE CANAL: Waterway Closures.

The Albemarle and Chesapeake Canal (ACC) of the AIWW will be closed for the placement of the new Great Bridge Bridge at Battlefield Boulevard (Route 168) in Chesapeake. The ACC at Great Bridge will be closed on the following days at 8:00 am for 72 hours:

- Closure 1: Commence 7/22/03, attach north leaf of bridge, alternate start date 7/28/03.
- Closure 2: Commence 8/5/03, attach south leaf of bridge, alternate start date 8/11/03.
- Closure 3: Commence 8/12/03, pour deck concrete, alternate start date 8/14/03.
- Closure 4: Commence 8/19/03, test and balance bridge, alternate start date 8/21/03.

Alternate start dates are in case of adverse weather. POC is Andrew Spendlove with the Great Bridge Resident Office at 757-547-2253.

LNM 24/03

Charts 12206

##### GA-BRUNSWICK HARBOR-EAST AND SOUTH BRUNSWICK RIVERS: Dredging Operations.

Cottrell Contracting Corporation of Chesapeake, Virginia, has commenced dredging operations in the vicinity of East and South Brunswick Rivers, Brunswick Harbor, Georgia expected to continue through July 16, 2003. Dredges will be on scene monitoring VHF Channels 13 and 16. For additional information or clarification, contact Frank Duncan at (757) 547-9611. All mariners are advised to exercise caution while transiting this area.

Chart: 11506

##### GEORGIA-CUMBERLAND ISLAND: Dredging Operations.

Kimmins Contracting Corp under contract with the U. S. Army Corps of Engineers will commence operations on or about July 2, 2003 to place a 168 foot steel dredge barge at Artificial Reef KBY located approximately 8 nautical miles east of Cumberland Island, Georgia. Center coordinates for the permitted reef site are 30-46-36N 81-16-12W. For further comments or details contact John V. Simon, Jr., President, at (813) 248-3878. All mariners are advised to exercise caution while transiting the area.

Chart 11503

FLORIDA-ST JOHNS RIVER TO ENTRANCE TO JACKSONVILLE HARBOR: Submerged Current Meters Deployment.

NOAA's Ocean Service deployed two bottom-mounted current meters in the St Johns River, FL on May 23, 2003. The current meters rest on the bottom and use an acoustic frequency of 600 kHz to measure the waters currents. The housing have a footprint of 6 ft by 6 ft and stand about 1.5 feet above the bottom.

The first meter is deployed in a water depth of 46 feet. The position is approximately 360 yards ENE of the Dames Point Bridge, in the west end of the Dames Point-Fulton Cutoff Range. The coordinated are:

30 degrees 23.19" N Latitude  
081 degrees 33.23' W Longitude

The second meter is deployed in a water depth of 52 feet. The position is in the north end of the Chaseville Turn. The coordinates are:

30 degrees 22.71" N Latitude  
081 degrees 37.77' W Longitude

Both will remain on station until about July 23, 2003.

Ref: LNM 21 and 22/03

Chart: 11491

FLORIDA - JACKSONVILLE - ST JOHN'S RIVER: Dredging Operations.

The Captain of the Port Jacksonville Florida advises mariners that dredging operations will occur 24 hours a day, 7 days a week from July 1 to July 31, 2003, within the St John's River. Dredging will be conducted within all waters from St John's Bar Cut Range to Broward Point Turn. Mariners are requested to utilize VHF-FM channels 13 and 16 to coordinate passing arrangements and to transit the area with extreme caution and minimum wake and watch for dredge pipelines.

Chart 11492

FL-OKEECHOBEE WATERWAY-W.P. FRANKLIN LOCK: Temporary Lock Delays.

The U. S. Army Corps of Engineers, Jacksonville District advises effective immediately of delays that might be incurred at the W.P. Franklin Lock until further notice. Navigation interests may incur up to a two (2) hour delay for lockage due to work on the guide walls at the lock. For comments or additional details, contact Gordon M. Butler, Jr., Chief, Construction-Operations Division, (904) 232-3096.

Ref: LNM 25/03

Chart 11428

FL-MIAMI MAIN CHANNEL-BISCAYNE BAY: Marine Construction Operations.

The Miami River will be restricted to navigation during daylight hours from June 30, 2003 to August 14, 2003 at NW 30th Avenue in order to replace an existing water main. There will be a 32 foot wide barge off to the side of the channel while work is being completed. Larger vessels will be able to pass with one hour notification to the on scene vessels. On scene vessels may be contacted on VHF-FM Channels 9 and 16. All vessels are reminded to stay alert and transit the area with caution.

Chart: 11468

FLORIDA-ATLANTIC INTRACOASTAL WATERWAY – WEST PALM BEACH TO MIAMI: Dredging Operations.

The dredge CHARLESTON will commence dredging operations near Bal Harbor, FL, just outside Baker's Haulover Inlet on or about June 15, 2003. A pipeline will run from the dredge area just north of the Inlet to the beach on the south side of the inlet. The project is expected to continue until approximately July 25, 2003.

The dredge operator will standby on channel 13 and 16 VHF-FM. Traffic should call 30 minutes prior to expected time passage. All mariners are requested to stay clear of the dredge, booster, floating (pontoon), and submerged pipelines, barges, derricks, and operating wires about the dredge. Operators of vessels of all types should be aware that the dredge and floating pipelines are held in place by cables, attached to anchors some distance away from the equipment. Buoys are attached to the anchors so that the anchors may be moved as the dredge advances and the location of the submerged pipelines are marked by buoys on each side of the channel. Mariners are cautioned to strictly comply with the Inland Rules of the Road when approaching, passing and leaving the area of operations, and remain a safe distance from the dredge, booster, buoys, cables, pipelines, barges, derricks, wires, and related equipment.

Owners and lessees of fishnets, crab pots and other structures that may be in the vicinity and that may hinder the free navigation of attending vessels and equipment must remove these from the area where tugs, tender boats and other attendant equipment will be navigating. Since the project will be conducted twenty-four hours per day seven days per week, all fishnets, crab pots and structures in the general area must be removed prior to the commencement of the work,

For further information contact: Norfolk Dredging Company, Post Office Box 1706, Chesapeake, VA 23327. (757) 547-9391.

Ref: LNM 22/03 and 26/03 (Updated)

Chart: 11467

FL-ICW-PALM SHORES TO WEST PALM BEACH-INDIAN RIVER SOUTH SECTION: Hazard to Navigation.

Indian River South Section DBN 65A (LLNR 43675) has been destroyed and is a hazard to navigation. All mariners are requested to transit the area with caution.

Chart 11467

**VIII. LIGHT LIST CORRECTIONS**

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
345 4540	<b>Tybee Light</b> (RANGE REAR) 3,883 yards, 298° from front light.	32 01 20 N 80 50 44 W	<b>FW</b>	144	19	Octagonal, brick tower, upper and lower one third, black center white.	Lighted throughout 24 hours.  (26/03)
1015	<b>American Shoal Light</b>	24 31 30 N 81 31 12 W	<b>Fl (3) W 15s (2R sectors) 0.1s fl 2.4s ec. 0.1s fl 2.4s ec. 0.1s fl 9.9s ec.</b>	109	W 13 R 10	Brown, octagonal pyramidal skeleton tower, enclosing white stair cylinder and brown octagonal dwelling; pile foundation	White from 270° to 067°, red from 067° to 090°, obscured from 090° to 125°, white from 125° to 242°, red from 242° to 270°. RACON Y (-.-.-). (26/03)
4540 345	<b>Tybee Light</b> (RANGE REAR) 3,883 yards, 298° from front light.	32 01 20 N 80 50 44 W	<b>FW</b>	144	19	Octagonal, brick tower, upper and lower one third, black center white.	Lighted throughout 24 hours.  (26/03)
9420	MOTHERS ARMS LIGHT WR2 *	28 48 60 N 81 14 34 W *	<b>Q R</b>	17	3	TR on pile. *	(26/03)

**IX. ADDITIONAL ENCLOSURES**

Enclosure: (1) Tabulations of Controlling Depths: Brunswick Harbor Channel (Chart 11506)  
 (2) Tabulations of Controlling Depths: Charleston Harbor Entrance (Chart 11521)  
 (3) Tabulations of Controlling Depths: Charleston Harbor Entrance (Chart 11523)  
 (4) Tabulations of Controlling Depths: Charleston Harbor, Cooper River and Shipyard River (Chart 11524)  
 (5) U. S. Coast Pilot 5, Atlantic Coast: Gulf of Mexico, Puerto Rico, and Virgin Islands, 2003 (30th) Edition. Change No.27.  
 (6) U. S. Coast Pilot 5, Atlantic Coast: Gulf of Mexico, Puerto Rico, and Virgin Islands, 2003 (30th) Edition. Change No.28.  
 (7) Report of Channel Conditions: Charleston Harbor (Chart 11523)  
 (8) Report of Channel Conditions: Daytona Beach Side Channel, Volusia, FL (Chart 11485)  
 (9) Report of Channel Conditions: New Pass, Sarasota County, FL (Chart 11425)  
 (10) Report of Channel Conditions: San Juan, Puerto Rico (Chart 25670)

H. E. Johnson, Jr.  
 Rear Admiral, U. S. Coast Guard  
 Commander, Seventh Coast Guard District

BRUNSWICK HARBOR CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF JUN 2003							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
BAR CHANNEL							
(ST SIMON RANGE)	32.5	34.0	A32.0	05-03	500	7.7	32
PLANTATION CREEK RANGE	39.0	40.5	39.5	05-03	400	1.8	32
JEKYLL ISLAND RANGE	29.0	31.5	32.0	05-03	400	1.9	30
CEDAR HAMMOCK RANGE	29.0	30.5	29.5	05-03	400	1.4	30
BRUNSWICK PT CUT RANGE	28.5	29.0	29.0	05-03	400	2.4	30
EAST RIVER							
LOWER REACH	B24.5	28.0	26.0	04-03	400	1.1	30
UPPER REACH	27.0	27.0	25.5	04-03	350	1.0	27
EAST RIVER TURNING BASIN	24.5	24.5	24.5	04-03	750	0.2	30
TURTLE RIVER LOWER RANGE	35.0	30.0	29.0	05-03	300	1.7	30
BLYTHE ISLAND RANGE	31.0	26.0	26.0	05-03	300	1.5	30
TURTLE RIVER UPPER RANGE	28.0	27.0	26.0	05-03	300	1.7	30
SOUTH BRUNSWICK RIVER	31.0	31.0	30.0	05-03	400	1.3	30
<p>A. OBSTRUCTION REPORTED WITH A DEPTH OF 29 FEET, LOCATED AT 31°04'06.6"N; 081°16'35.7"W.</p> <p>B. THE EAST RIVER, LOWER REACH WIDENER LEAST DEPTHS WERE 28.0 FEET, LOCATED 50 FEET INSIDE THE CHANNEL LIMIT, AND 30.5 FEET, LOCATED 150 FEET INSIDE THE CHANNEL LIMIT FROM THE LEFT SIDE.</p> <p>NOTE - FOR THE LEFT OUTSIDE AND RIGHT OUTSIDE QUARTERS, DEPTHS GIVEN REPRESENT CONDITIONS 50 FEET INSIDE THE CHANNEL LIMITS. (EXCEPT FOR THE EAST RIVER TURNING BASIN)</p> <p>NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION</p>							

# CHART 11521

CHARLESTON HARBOR ENTRANCE								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 2003								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
FORT SUMTER RANGE	46.8	47.8	47.5	47.0	4-03	1000	14.8	47
MOUNT PLEASANT RANGE	46.0	46.5	45.9	47.2	2-03	1000-600	1.6	45
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								



# CHART 11523

CHARLESTON HARBOR ENTRANCE								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - SURVEYS TO APR 2003								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
FORT SUMTER RANGE	46.8	47.8	47.5	47.0	4-03	1000	14.8	47
MOUNT PLEASANT RANGE	46.0	46.5	45.9	47.2	2-03	1000-600	1.6	45
REBELLION REACH	46.6	47.4	46.9	47.2	2-03	600	1.4	45
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

CHART 11524

CHARLESTON HARBOR, COOPER RIVER AND SHIPYARD RIVER TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS- SURVEYS TO APR 2003								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
FORT SUMTER RANGE	46.8	47.8	47.5	47.0	4-03	1000	14.8	47
MOUNT PLEASANT RANGE	46.0	46.5	45.9	47.2	2-03	1000-600	1.6	45
REBELLION REACH	46.6	47.4	46.9	47.2	2-03	600	1.4	45
SHUTES-FOLLY REACH	47.6	47.3	47.3	47.8	2,3-03	600-800	1.3	45
HORSE REACH	47.5	48.3	48.2	44.6	5,11-02	800	0.5	45
CUSTOMHOUSE REACH	34.9	48.3	48.1	46.2	5-02;2,3-03	1385	0.2	45
SOUTH CHANNEL	24.4	24.8	24.5	A24.3	10-96	600-1000	3.1	45
HOG ISLAND REACH	46.1	47.1	43.6	39.2	11-02;2,3-03	600-1300	1.5	45
DRUM ISLAND REACH	44.6	47.6	48.2	44.1	1-03	600-1300	0.7	45
TOWN CREEK LOWER REACH	34.4	38.3	38.2	35.8	2,3-03	400-450	1.1	45
TURNING BASIN	36.5	34.3	34.2	33.4	5-02	250	0.25	35
TOWN CREEK UPPER REACH	35.2	40.2	40.9	40.5	11-01;5-02	250	1.0	16
MYERS BEND	42.0	47.2	47.8	48.1	11-01;1-03	600-900	0.4	45
DANIEL ISLAND REACH	47.0	47.3	45.9	39.5	1-03	880-980	1.2	45
DANIEL ISLAND BEND	48.0	48.4	48.8	48.0	1-03	700-780	0.4	45
CLOUTER CREEK REACH	40.3	42.6	42.8	40.5	1-03	600	0.9	45
NAVY YARD REACH	39.8	42.3	40.9	36.0	1-03	600-700	1.1	45
NORTH CHARLESTON REACH	36.0	42.4	42.6	43.1	1-03	500-600	1.0	45
FILBIN CREEK REACH	39.8	41.3	43.2	43.5	10-02;1-03	500	0.6	45
PORT TERMINAL REACH	36.7	42.6	41.8	41.4	10-02	600	0.7	45
ORDNANCE REACH	37.8	35.8	36.3	36.9	10-02	600	0.3	45
ORDNANCE REACH TURNING BASIN	44.6	43.9	43.1	43.0	10-02	800	0.26	45
WANDO RIVER								
LOWER REACH	44.3	45.6	46.2	38.4	5-02;1-03	1500-400	1.3	45
UPPER REACH	B41.5	B43.0	B47.2	B44.7	1-03	400-850	0.74	45
TURNING BASIN	40.6	38.1	43.3	43.3	1-03	550	0.3	45
SHIPYARD CREEK								
MAIN CHANNEL	26.2	27.4	29.0	27.2	8,10-00	1200-300	1.0	30
LOWER TURNING BASIN	37.9	38.9	40.0	40.8	8,10-00	700	0.2	38
UPPER TURNING BASIN	22.0	23.4	23.7	24.7	8,10-00	600	0.15	30
COOPER RIVER								
RANGE A	38.7	37.4	38.3	38.9	7,8-98;12-99	400-1350	1.02	35
RANGE B	20.5	25.2	36.4	37.0	12-99	VARIES	0.74	35
RANGE C	20.6	26.1	38.3	36.1	7,8-98;12-99;1-00	VARIES	0.76	35
RANGE D	30.2	37.4	37.8	37.1	2-00	VARIES	0.58	35
RANGE E	32.1	34.8	38.2	36.3	1-95	VARIES	0.38	35
RANGE F	25.0	36.6	35.2	33.9	1-95	VARIES	0.29	35
A. ALONG CHANNEL EDGE. B. FROM BOUY 8 TO END OF REACH SHOALING OCCURS WITH MIN DEPTH OF 31 FT NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Page 115-Paragraph 2491, line 1; read:

**\$165.761 Security Zones; Port of Palm Beach, Port Everglades, Port of Miami, and Port of Key West, Florida.**

(a) *Location.* The following areas are security zones:

(1) *Fixed and moving security zones around vessels in the Ports of Palm Beach, Port Everglades, Miami, and Key West, Florida.* Moving security zones are established 100 yards around all passenger vessels, vessels carrying cargoes of particular hazard, or vessels carrying liquefied hazardous gas (LHG) as defined in 33 CFR parts 120, 126 and 127 respectively, during transits entering or departing the Ports of Palm Beach, Port Everglades, Miami or Key West, Florida. These moving security zones are activated when the subject vessel passes: "LW" buoy, at approximate position 26°46.3'N., 080°00.6'W., when entering the Port of Palm Beach, passes "PE" buoy, at approximate position 26°05.5'N., 080°04.8'W., when entering Port Everglades; the "M" buoy, at approximate position 25°46.1'N., 080°05.0'W., when entering the Port of Miami; and "KW" buoy, at approximate position 24°27.7'N., 081°48.1'W., when entering the Port of Key West. Fixed security zones are established 100 yards around all passenger vessels, vessels carrying cargoes of particular hazard or liquefied hazardous gas (LHG) as defined in 33 CFR parts 120, 126 and 127 respectively, while they are docked in the Ports of Palm Beach, Port Everglades, Miami or Key West, Florida.

(2) *Fixed security zone in the Port of Miami, Florida.* A fixed security zone encompasses all waters between Watson Park and Star Island on the MacArthur Causeway south to the Port of Miami. The western boundary is formed by an imaginary line from points 25°46.79'N., 080°10.90'W., to 25°46.77'N., 080°10.92'W. to 25°46.88'N., 080°10.84'W., and ending on Watson Park at 25°47.00'N., 080°10.67'W. The eastern boundary is formed by an imaginary line from the

traffic light located at Bridge road, in approximate position 25°46.33'N., 080°09.12'W., which leads to Star Island, and MacArthur Causeway directly extending across the Main Channel to the Port of Miami, at 25°46.26'N., 080°09.18'W. The fixed security zone is activated when two or more passenger vessels, vessels carrying cargoes of particular hazard, or vessels carrying liquefied hazardous gas (LHG) as defined in 33 CFR parts 120, 126 and 127 respectively, enter or moor within this zone.

(i) Vessels may be allowed to transit the Main channel when only one passenger vessel or vessel carrying cargoes of particular hazard are berthed, by staying on the north side of the law enforcement boats and cruise ship tenders which will mark a transit lane in channel.

(ii) When passenger vessels are not berthed on the Main Channel, navigation will be unrestricted. Law enforcement vessels can be contracted on VHF Marine Band Radio, Channel 16 (156.8 MHz).

(3) *Fixed security zones in the Port Everglades.* A fixed security zone encompasses all waters west of an imaginary line starting at the northern most point 26°05.98'N., 080°07.15'W., near the west side of the 17<sup>th</sup> Street Causeway Bridge, to the southern most point 26°05.41'N., 80°06.96'W., on the northern tip of pier 22. An additional fixed security zone encompasses the Intracoastal Waterway between a line connecting point 26°05.41'N., 080°06.97'W., on the northern tip of berth 22 and a point directly east across the Intracoastal Waterway to 26°05.41'N., 080°06.74'W.; and a line drawn from the corner of Port Everglades berth 29 at point 26°04.72'N., 080°06.92'W., easterly across the Intracoastal Waterway to John U. Lloyd Beach, State Recreational Area at point 26°04.72'N., 080°06.81'W.

(i) Vessels may be allowed to transit the Intracoastal Waterway when passenger vessels or vessels carrying

cargoes of particular hazard are berthed, by staying east of the law enforcement vessels and cruise ship tenders, which will mark a transit lane in the Intracoastal Waterway.

(ii) Periodically, vessels may be required to temporarily hold their position while large commercial traffic operates in this area. Vessels in this security zone must follow the orders of the COTP or his designated representative, who may be embarked in law enforcement or other vessels on scene. When passenger vessels are not berthed on the Intracoastal Waterway, navigation will be unrestricted. Law enforcement vessels can be contacted on VHF Marine Band Radio, Channel 16 (156.8 MHz).

(b) *Regulations.* (1) Prior to commencing the movement, the person directing the movement of a passenger vessel, a vessel carrying cargoes of particular hazard or a vessel carrying liquefied hazardous gas (LHG) as defined in Title 33, Code of Federal Regulations parts 120, 126 and 127 respectively, is encouraged to make a security broadcast on VHF Marine Band Radio, Channel 13 (156.65 MHz) to advise mariners of the moving security zone activation and intended transit.

(2) In accordance with the general regulations §165.33 of this part, entry into these zones is prohibited except as authorized by the Captain of the Port Miami or his designated representative. Other vessels such as pilot boats, cruise ship tenders, tug boats and contracted security vessels may assist the Coast Guard Captain of the Port under the direction of his designated representative by monitoring these zones strictly to advise mariners of the restrictions. The Captain of the Port will notify the public via Marine Safety Radio Broadcast on VHF Marine Band Radio, Channel 16 (156.8 MHz) when the security zones are being enforced.

(3) Persons desiring to enter or transit the area of the security zone may contact the Captain of the Port at (305) 535-8701 or on VHF Marine Band Radio, Channel 16 (156.8 MHz) to seek permission to transit the area. If permission is granted, all persons and vessels must comply with the

instructions of the Captain of the Port or his or her designated representative.

(4) The Captain of the Port Miami may waive any the requirements of this subpart for any vessel upon finding that the vessel or class of vessel, operational conditions, or other circumstances are such that application of this subpart is unnecessary or impractical for the purpose of port security, safety or environmental safety.

(c) *Definition.* As used in this section, cruise ship means a passenger vessel greater than 100 feet in length and over 100 gross tons that is authorized to carry more than 12 passengers for hire making voyages lasting more than 24 hours, except for a ferry.

(d) *Authority.* In addition to 33 U.S.C. 1231 and 50 U.S.C. 191, the authority for this section includes 33 U.S.C. 1226.

#### **§165.762 Security Zone; St. Thomas, U.S. Virgin Islands.**

(a) *Location.* Moving and fixed security zones are established 50 yards around all cruise ships entering, departing, moored or anchored in the Port of St. Thomas, U.S. Virgin Islands. The security zone for a cruise ship entering port is activated when the vessel passes: St. Thomas Harbor green lighted buoy 3 in approximate position 18°19'19"N., 64°55'40"W. when entering the port using St. Thomas Channel; red buoy 2 in approximate position 18°19'15"N., 64°55'59"W. when entering the port using East Gregorie Channel; and red lighted buoy 4 in approximate position 18°18'16"N., 64°57'30"W. when entering the port using West Gregorie Channel. These zones are deactivated when the cruise ship passes any of these buoys on its departure from the Port.

(b) *Regulations.* (1) Under general regulations in §165.33 of this part, entering, anchoring, mooring or transiting in these zones is prohibited unless authorized by the Coast Guard Captain of the Port of San Juan.

(2) Persons desiring to transit the area of the security zone may contact the Captain of the Port at the

Greater Antilles Section Operations Center at (787) 289-2041 or via VHF radio on Channel 16 to seek permission to transit the area. If permission is granted, all persons and vessels must comply with the instructions of the Captain of the Port or his designated representative.

(3) The Marine Safety Office San Juan will attempt to notify the maritime community of periods during which these security zones will be in effect by providing advance notice of scheduled arrivals and departures of cruise ships via a broadcast notice to mariners.

(c) *Definition.* As used in this section, cruise ship means a passenger vessel greater than 100 feet in length that is authorized to carry more than 150 passengers for hire, except for a ferry.

(d) *Authority.* In Addition to 33 U.S.C. 1231 and 50 U.S.C. 191, the authority for this section includes 33 U.S.C. 1226.

**§165.802 Lower Mississippi River vicinity of Old ...**

(FR 01/23/03; CL 1161/03; FR 06/04/03)

Coast Pilot 5 30<sup>th</sup> Ed 2003

Corrections

Page 221-Paragraph 342, lines 6-7;  
read:  
Waterway. In January 2003, the  
controlling depth was 3.9 feet (5.5  
feet at midchannel) to the highway  
bridge, thence 4.2 feet (4.5 feet at  
midchannel) to the ...  
(CL 391/03; BPs 179952-56)

Page 258-Paragraph 215, lines 4-5;  
read:  
paved launching ramp is near the  
bridge. The launching ramp is  
accessible at high water only.  
(DB 1420)

Page 258-Paragraph 218, lines 3-5;  
read:  
park with a launching ramp on the  
point.  
(DB 1418)

Page 273-Paragraph 163, line 5; read:  
February 2003, the controlling depth  
was 13.0 feet in the entrance ...  
(BPs 180728-30)

Page 273-Paragraph 163, line 10, read:  
buoys, lights, and daybeacons. State  
Route 188 highway bridge has a ...  
(LL/03)

Page 278-Paragraph 236, lines 5-7;  
read:  
Route 90 highway bridge. In March 2003,  
the controlling depth was 6.8 feet (8.3  
feet at midchannel). The channel is  
marked by lights and daybeacons. **Biloxi  
Channel**, a ...  
(BPs 180720-27; LL/03; NOS 11372)

Page 278-Paragraph 236, lines 11-14;  
read:  
highway bridge. In March 2003, the  
controlling depth was 6.4 feet (7.7  
feet at midchannel) to Daybeacon 14;  
thence in 2001-March 2003, 7.4 feet  
(8.0 feet at midchannel) to the  
junction with the Biloxi East ...  
(BPs 180718-19)

<b>REPORT OF CHANNEL CONDITIONS</b> 100 TO 400 FEET WIDE (ER 1130-2-316)						PAGE 1 OF 2 PAGE	
						DATE May 2003	
TO:				FROM: US ARMY CORPS OF ENGINEERS - CHARLESTON 69A HAGOOD AVE. CHARLESTON, SOUTH CAROLINA 29403-5107			
RIVER/HARBOR NAME AND STATE Charleston Harbor (8928)					MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD		
NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (miles)	DEPTH (feet)			
ENTRANCE CHANNEL							
Sheet 2 of 16 -- (8928s02) -900+00 to -830+00 NOAA CHART NO. 11523	APRIL 2003	800	1.3	47	48.1	48.1	48.6
Sheet 3 of 16 -- (8928s03) -830+00 to -780+00 NOAA CHART NO. 11523	APRIL 2003	800	0.9	47	49.1	49.0	48.9
Sheet 4 of 16 -- (8928s04) -780+00 to -710+00 NOAA CHART NO. 11523	APRIL 2003	800	1.3	47	49.3	49.3	49.4
Sheet 5 of 16 -- (8928s05) -710+00 to -650+00 NOAA CHART NO. 11523	APRIL 2003	800	1.1	47	47.6	48.2	48.2
Sheet 6 of 16 -- (8928s06) -650+00 to -590+00 NOAA CHART NO. 11523	APRIL 2003	800	1.1	47	48.3	48.1	48.2
Sheet 7 of 16 -- (8928s07) -590+00 to -530+00 NOAA CHART NO. 11523	APRIL 2003	800	1.1	47	49.1	49.5	49.3
Sheet 8 of 16 -- (8928s08) -530+00 to -470+00 NOAA CHART NO. 11523	APRIL 2003	800	1.1	47	49.6	48.9	48.9
Sheet 9 of 16 -- (8928s09) -470+00 to -410+00 NOAA CHART NO. 11523	APRIL 2003	800	1.1	47	49.9	49.5	49.4
<b>REMARKS</b> 1. ALL DEPTHS REFER TO LOCAL MEAN LOW WATER. 2. THE INFORMATION SHOWN REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND REFLECTS THE GENERAL CONDITIONS AT THAT TIME. 3. THE RIGHT AND LEFT SIDES OF THE CHANNEL REFER TO TRAVEL IN A GENERAL DIRECTION WHEN ENTERING FROM SEAWARD 4. THE NATURAL CHANNEL WIDTH GENERALLY EXCEEDS THE PROJECT WIDTH SHOWN. 5. POINT OF CONTACT: DOUG HOLMES PHONE: 843-329-8135 6. Minimum depths based on profile lines.							



<b>REPORT OF CHANNEL CONDITIONS</b> 100 TO 400 FEET WIDE <i>(ER 1130-2-316)</i>						PAGE 2 OF 2 PAGE	
<b>TO:</b>						<b>DATE</b> January 2003	
<b>FROM:</b> US ARMY CORPS OF ENGINEERS – CHARLESTON 69A HAGOOD AVE. CHARLESTON, SOUTH CAROLINA 29403-5107							
<b>RIVER/HARBOR NAME AND STATE</b> Charleston Harbor (8928)					<b>MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD</b>		
NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER <i>(feet)</i>	MIDDLE HALF <i>(feet)</i>	RIGHT OUTSIDE QUARTER <i>(feet)</i>
		WIDTH <i>(feet)</i>	LENGTH <i>(miles)</i>	DEPTH <i>(feet)</i>			
Sheet 10 of 16 -- (8928s10) -410+00 to -350+00 NOAA CHART NO. 11523	APRIL 2003	800	1.1	47	49.1	49.1	48.2
Sheet 11 of 16 -- (8928s11) -350+00 to -290+00 NOAA CHART NO. 11523	APRIL 2003	800	1.1	47	48.5	49.0	47.4
Sheet 12 of 16 -- (8928s12) -290+00 to -230+00 NOAA CHART NO. 11523	APRIL 2003	800	1.1	47	47.3	47.5	47.6
Sheet 13 of 16 -- (8928s13) -230+00 to -170+00 NOAA CHART NO. 11523	APRIL 2003	800	1.1	47	47.4	47.7	47.7
Sheet 14 of 16 -- (8928s14) -170+00 to -120+00 NOAA CHART NO. 11523	APRIL 2003	800	0.9	47	47.2	48.5	48.1
Sheet 15 of 16 -- (8928s15) -120+00 to -50+00 NOAA CHART NO. 11523	APRIL 2003	800	1.3	47	49.5	49.4	49.4
Sheet 16 of 16 -- (8928s16) -50+00 to 0+00 NOAA CHART NO. 11523	APRIL 2003	800	0.9	47	49.4	49.2	48.6
<b>REMARKS</b> 1. ALL DEPTHS REFER TO LOCAL MEAN LOW WATER. 2. THE INFORMATION SHOWN REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND REFLECTS THE GENERAL CONDITIONS AT THAT TIME. 3. THE RIGHT AND LEFT SIDES OF THE CHANNEL REFER TO TRAVEL IN A GENERAL DIRECTION WHEN ENTERING FROM SEAWARD 4. THE NATURAL CHANNEL WIDTH GENERALLY EXCEEDS THE PROJECT WIDTH SHOWN. 5. POINT OF CONTACT: DOUG HOLMES PHONE: 843-329-8135 6. Minimum depths based on profile lines.							

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE (ER 1130-2-316)						Page 1 of 1	
						June 2003	
TO: Executive Director, Florida Inland Navigation District 1314 Marcinski Road, Jupiter, FL				FROM: USACE, District Engineer Attn: CBSAJ-CO-OM Jacksonville, Florida			
RIVER/HARBOR NAME AND STATE Daytona Beach Side Channel, Volusia, FL				MINIMUM DEPTHS IN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD			
NAME OF CHANNEL	Date of Survey	AUTHORIZED PROJECT			Left Outside Quarter (feet)	Middle Half (feet)	Right Outside Quarter (feet)
		Width (feet)	Length (miles)	Depth (feet)			

Entrance Channel: from the intersection of the Intracoastal Waterway, Cut V-13 to the Turning Basin of the Daytona Beach Municipal Yacht Basin.	Feb-2003	80-150	0.2	8	1.7 (1)	4.6 (1)	3.9 (1)
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Remarks:

1. Shoaling across entire channel. Navigation aids mark entrance and deepest water. There is an average depth of approximately 6-feet Mean Low Water along channel centerline.

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE (ER 1130-2-316)						Page 1 of 1	
						June 2003	
TO: Chairman, Board of County Commissioners Sarasota, FL				FROM USACE, District Engineer Attn: CESAJ-CO-OM Jacksonville, Florida			
RIVER/HARBOR NAME AND STATE New Pass, Sarasota County, FL				MINIMUM DEPTHS IN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD			
NAME OF CHANNEL	Date of Survey	AUTHORIZED PROJECT			Left Outside Quarter (feet)	Middle Half (feet)	Right Outside Quarter (feet)
		Width (feet)	Length (miles)	Depth (feet)			
Entrance Channel, Cut-1, from Entrance in the Gulf of Mexico to green Light-7	Mar-2003	150	0.3	10	10.7	11.6	11.9
Inner Channel, Cut-3 & 4, from green Light-7 to State Road 780 Bridge	Mar-2003	100	0.5	8	10.8	11.2	11.4
Cut-4 & 5, from State Road 780 Bridge to green Light-13	Mar-2003	100	0.6	8	11.3	9.8	9.4
Cut-6, from green Light-13 to junction of the Intracoastal Waterway	Mar-2003	100	0.7	8	6.2(1)	7.2(1)	6.5(1)
Cut-7, from junction of the Intracoastal Waterway to the entrance of the Turning Basin	Mar-2003	100	0.7	8	8.4	9.1	9.2
Turning Basin	Mar-2003	100-300	0.1	8	7.7(2)	7.4(2)	3.9(2)

Remarks:

1. Shoaling across most of the channel from 100 feet east of green daybeacon-15 to 100 feet west of green daybeacon-17
2. Spot shoal found along northwest side of turning basin, and across the entire southeast corner of turning basin.

REPORT OF CHANNEL CONDITIONS (FOR CHANNELS 400 FEET WIDE OR GREATER)						Page 1 of 1		
						June 2003		
TO: Executive Director, Port Authority Commonwealth of Puerto Rico, San Juan, Puerto Rico				FROM USACE, District Engineer Attn: CESAJ-CO-OM Jacksonville, Florida				
RIVER/HARBOR NAME AND STATE Mayaguez Harbor, Puerto Rico				MINIMUM DEPTHS IN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD				
NAME OF CHANNEL	Date of Survey	AUTHORIZED PROJECT			Left Outside Quarter (feet)	Left Inside Quarter (feet)	Right Inside Quarter (feet)	Right Outside Quarter (feet)
		Width (feet)	Length (miles)	Depth (feet)				

Entrance Channel: from entrance, 2,000 feet seaward of Red Buoy-6, to basin entrance.	Apr-2003	1000-500	0.4	30	22.7 (1)	30.9	30.3	29.1 (1)
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Inner Basin: From Red Buoy-6 to Terminus of Inner Basin.	Apr-2003	500	0.2	30	24.0 (2)	21.0 (2)	19.9 (2)	15.5 (2)
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Remarks:

(1) Shoaling along the northern edge of channel opposite red Buoy-6. Spot shoaling also along southern edge of channel from 800 feet seaward of red Buoy-6 and extending 400 feet eastward.

(2) Shoaling along south and east perimeter of basin, extending north of Buoy-10. Least depth occurring in southeast corner of basin.